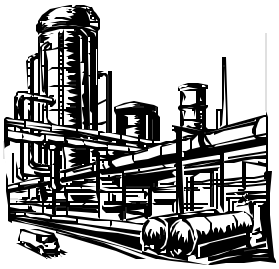
LOUISIANA ENERGY FACTS ANNUAL



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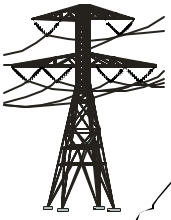

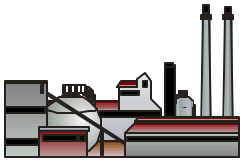

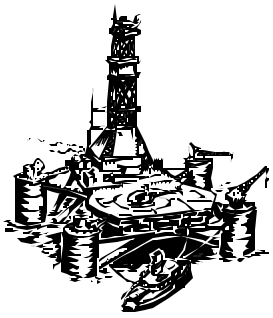

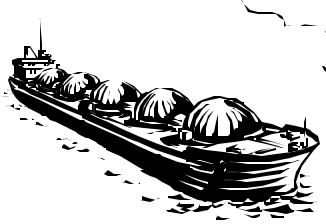

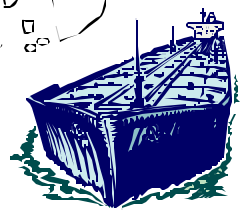

DEPARTMENT OF NATURAL RESOURCES
TechnologyAssessment Division
November2, 2000

This issue of **Louisiana Energy Facts Annual-1999 / 2000** is funded 100% ($3,026.24) with Petroleum Violation Escrow funds as part of the State Energy Conservation Program as approved by the U.S. Department of Energy and the Department of Natural Resources.

This public document was published at a total cost of $3,026.24. 1,020 copies of this public document were published in this first printing at a total cost of $3,026.24. The total cost of all printings of this document, including reprints is $3,026.24. This document was published by the Department of Natural Resources, P.O. Box 94396, Baton Rouge, LA 70804-9396, to promulgate the State Energy Conservation Plan developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by state agencies pursuant to R.S. 43:31.

LOUISIANA ENERGY FACTS

ANNUAL 1999-2000

Department of Natural Resources
Jack C. Caldwell
Secretary of Natural Resources

Prepared by
Manuel Lam, Senior Energy Analyst

Technology Assessment Division
T. Michael French, Director

P.O. Box 94396
Baton Rouge, LA 70804-9396
E-mail:techasmt@dnr.state.la.us

November 2, 2000

The **Louisiana Energy Facts Annual - 1999/2000** was published by the Technology Assessment Division of the Louisiana Department of Natural Resources under the direction of Manuel Lam. The Director of the Division is T. Michael French, and the Assistant Director is William J. Delmar, Jr.

General questions and comments regarding the **Annual** may be referred to John Harter at (225) 342-4593. Questions concerning specific areas of the **Annual** may be directed to the Technology Assessment Division staff members listed below.

Oil & gas production, drilling, revenue, reserves, prices:

Manuel Lam
Program Manager
(225) 342-8919
E-mail: MANUELL@DNR.STATE.LA.US

Petroleum refineries, cogeneration, independent power producers, alternative motor fuels, coal, lignite:

Bill Delmar
Assistant Director
(225) 342-5053
E-mail: BILLD@DNR.STATE.LA.US

Electric utilities, drilling incentives, petroleum economics:

Bob Sprehe
Energy Economist
(225) 342-7967
E-mail: BOBS@DNR.STATE.LA.US

Additional copies of the **Annual** may be obtained by contacting:

John Harter
Energy Engineer
Department of Natural Resources
Technology Assessment Division
P.O. Box 94396
Baton Rouge, LA 70804-9396
Phone: (225) 342-4593 FAX: (225) 342-2707
E-mail: JOHNHA@DNR.STATE.LA.US

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INTRODUCTION

ABOUT THIS PUBLICATION

The purpose of the **Louisiana Energy Facts Annual** is to provide a comprehensive compendium of Louisiana related energy production and use statistics on an annual basis. To aid in the interpretation of the data and the discernment of trends, we supplemented the data tables with numerous graphs and charts. We publish the **Annual** as soon as we have as close as feasible to a complete set of all of the data for the previous full calendar year and as much as possible in present year data. Due to time lags in the availability of some of the data, this means that it is about nine months past the end of a year before that year's **Annual** can be published, though some data is much more recent. We decided to make some few changes in our annual report to incorporate the latest data available at time of publication.

If you receive our monthly **Louisiana Energy Facts**, you might find some data published in the monthly prior to publication of the **Annual** has been revised in the **Annual** and is more current than when first published in an earlier monthly. This data, by its nature, continues to be revised, sometimes years after it is first published. We try to bring attention to these changes as we republish them, by marking them as revisions.

Our most recent monthly **Louisiana Energy Facts** publication may contain more recent data, but on a much smaller set of data than covered in this **Annual**. Please refer to the recent monthlies for the very latest data that they cover. The monthly **Louisiana Energy Facts** is available in print as well as online at our web site at http://www.dnr.state.la.us/SEC/EXECDIV/TECHASMT/. Click on Energy Facts. The **Annual** is also online at the same address. The online **Annual** will be updated throughout the year.

We hope you find this **Annual** useful, and we welcome any comments or suggestions.

2000 HIGHLIGHTS

The data in the **1999-2000 Louisiana Energy Facts Annual** contains some recent trends.

Crude oil and natural gas prices are up in 2000.

Gas prices rose significantly. The Louisiana natural gas spot market average price rose 59% to an average of $3.50 per MCF for the first nine months in 2000 compared to the first nine months in 1999. The increase was attributed to lower production, heavy demand, high crude oil prices and low inventories in storage.

South Louisiana crude oil prices rose also. The crude oil spot market average price rose 73% to an average of $29.6 per barrel for the first nine months in 2000 compared to the first nine months in 1999. The increase was attributed to the tight crude supplies, low inventories held by refiners, increased demand, and declining domestic production.

These high oil and gas prices are having major impacts on Louisiana and other domestic producers. As the report went to press oil prices were around $32 per barrel and gas prices were around $5 per MCF.

Oil and gas production is decreasing.

Louisiana state crude oil and condensate production, excluding OCS, decreased in 1999 to 115 million barrels, down 9.5% from 1998, but in 2000 it is expected to decrease only 4.9% from 1999. Louisana state natural gas and casinghead, excluding OCS, also was down by 7.0% to 1,434 TCF, but in 2000 it is expected to decrease only 5.6% from 1999.

Drilling activity is up.

The high prices of south Louisiana sweet crude oil and natural gas in the spot market is encouraging the exploration and development of oil and gas fields. In the first six months of 2000 the average number of activity rigs increased 39% to 188 rigs; and drilling permits issued, excluding federal OCS, totaled 1,030 an increase of 51% over the same period.

Other significant items.

Louisiana's mineral royalty and severance taxes are expected to be higher due to increase in oil and gas prices. In the first six months of 2000, the royalty and severance revenue was 57% higher than 1999 during the same period. The January through June 2000 royalty and severance tax was $311.5 million.

Louisiana's proved oil and gas reserves, and non agricultural employment are higher in 2000 than the in previous year. The increase in oil and gas proved reserves is the result of net revisions from increased prices, and not the result of increased drilling or improved technology.

SUBDIVISIONS OF LOUISIANA

Table 1

LOUISIANA STATE CRUDE OIL PRODUCTION

Excluding OCS
(Barrels)

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	29,004,703	116,638,403	24,834,002	170,477,108
1981	30,736,984	103,284,948	23,924,888	157,946,820
1982	31,485,800	96,155,535	22,793,085	150,434,420
1983	29,831,731	93,737,027	22,806,268	146,375,026
1984	29,590,376	96,690,421	25,117,916	151,398,713
1985	29,436,551	97,622,513	24,292,173	151,351,237
1986	26,795,748	97,853,602	24,619,169	149,268,519
1987	25,036,758	95,476,492	23,372,480	143,885,730
1988	23,958,703	88,673,893	22,792,851	135,425,447
1989	22,224,981	78,275,666	20,869,917	121,370,564
1990	22,445,972	72,017,903	21,128,443	115,592,318
1991	22,704,171	69,546,140	22,499,961	114,750,272
1992	21,996,120	68,545,982	21,903,380	112,445,482
1993	20,210,421	66,097,947	21,722,455	108,030,823
1994	17,338,342	60,110,579	21,295,476	98,744,397
1995	17,777,074	63,581,242	21,499,649	102,857,965
1996	18,070,355	63,047,549	20,450,966	101,568,870
1997	18,235,209	64,470,967	18,330,674	101,036,850
July	1,435,454	6,180,346	1,599,090	9,214,890
August	1,401,222	5,956,367	1,496,728	8,854,317
September	1,282,935	5,207,059	1,000,162	7,490,156
October	1,429,678	5,642,351	1,138,143	8,210,172
November	1,163,567	4,865,010	1,136,699	7,165,276
December	1,172,393	5,027,518	1,142,779	7,342,690
1998	**16,844,237**	**65,728,512**	**16,314,946**	**98,887,696**
January	1,179,499	5,007,510	1,130,078	7,317,087
February	1,161,512	4,918,237	1,079,328	7,159,077
March	1,223,368	5,176,460	1,105,666	7,505,495
April	1,124,008	4,788,622	1,039,313	6,951,943
May	1,227,975	5,305,174	1,165,617	7,698,766
June	1,133,012	4,923,150	1,069,856	7,126,018
July	1,107,330 e	4,822,652 e	1,039,663 e	6,969,645 e
August	1,144,290 e	5,006,353 e	1,070,388 e	7,221,031 e
September	1,110,851 e	4,888,234 e	1,040,344 e	7,039,429 e
October	1,131,590 e	5,013,887 e	1,066,425 e	7,211,902 e
November	1,071,940 e	4,782,826 e	1,013,672 e	6,868,438 e
December	1,088,102 e	4,882,694 e	1,028,254 e	6,999,050 e
1999	**13,703,477 e**	**59,515,799 e**	**12,848,604 e**	**86,067,881 e**
January	1,081,745 e	4,815,729 e	1,020,172 e	6,917,646 e
February	1,084,078 e	4,844,535 e	1,023,170 e	6,951,783 e
March	1,062,193 e	4,764,152 e	1,004,075 e	6,830,420 e
April	1,001,204 e	4,505,378 e	947,950 e	6,454,532 e
May	1,028,513 e	4,765,886 e	1,006,216 e	6,800,615 e
June	1,021,276 e	4,685,790 e	973,155 e	6,680,221 e
July	1,010,138 e	4,652,972 e	963,971 e	6,627,081 e
August	998,203 e	4,625,846 e	954,605 e	6,578,654 e
September	983,891 e	4,589,398 e	943,177 e	6,516,466 e
October	970,841 e	4,560,272 e	933,027 e	6,464,140 e
November				
December				
2000	**10,242,082 e**	**46,809,958 e**	**9,769,518 e**	**66,821,558 e**

e Estimated r Revised

Table 2

LOUISIANA STATE CONDENSATE PRODUCTION

Excluding OCS
(Barrels)

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	3,222,000	34,744,956	2,757,941	40,724,897
1981	4,371,074	35,181,456	2,348,549	41,901,079
1982	4,120,663	32,663,371	2,147,896	38,931,930
1983	3,598,850	27,638,588	1,996,504	33,233,942
1984	3,140,006	30,785,661	1,918,564	35,844,231
1985	2,668,233	29,260,762	1,721,098	33,650,093
1986	2,755,749	26,709,496	2,176,970	31,642,215
1987	2,512,024	25,594,838	1,811,598	29,918,460
1988	2,718,031	26,401,604	1,700,428	30,820,063
1989	2,943,821	26,446,428	1,835,017	31,225,266
1990	3,356,554	27,602,203	1,701,098	32,659,855
1991	4,078,811	26,726,276	1,715,899	32,520,986
1992	3,746,271	25,295,694	1,587,450	30,629,415
1993	3,597,292	24,893,887	1,606,131	30,097,310
1994	3,657,646	23,302,750	1,468,993	28,429,389
1995	3,799,922	22,117,549	2,105,782	28,023,253
1996	5,037,558	25,912,614	2,264,077	33,214,249
1997	4,282,748	23,618,849	2,670,950	30,572,547
July	286,977	1,970,921	203,832	2,461,730
August	277,219	1,921,643	190,772	2,389,634
September	277,971	1,811,525	146,274	2,235,770
October	259,624	1,744,217	156,084	2,159,925
November	293,713	1,914,388	184,632	2,392,733
December	288,246	1,927,946	182,296	2,398,488
1998	**3,698,153**	**22,742,156**	**2,238,664**	**28,678,973**
January	300,770	2,029,386	191,099	2,521,255
February	274,689	1,847,615	170,929	2,293,233
March	316,132	2,115,360	193,188	2,624,680
April	282,483	1,898,599	176,711	2,357,793
May	278,538	1,872,209	175,316	2,326,063
June	276,585	1,868,981	174,125	2,319,691
July	290,697 e	1,967,759 e	182,866 e	2,441,322 e
August	289,665 e	1,961,852 e	181,907 e	2,433,424 e
September	300,172 e	2,035,379 e	188,795 e	2,524,346 e
October	295,561 e	2,008,573 e	186,787 e	2,490,921 e
November	289,692 e	1,972,343 e	183,392 e	2,445,427 e
December	303,911 e	2,073,656 e	192,582 e	2,570,149 e
1999	**3,498,895** e	**23,651,712** e	**2,197,697** e	**29,348,304** e
January	304,891 e	2,079,527 e	193,054 e	2,577,472 e
February	286,612 e	1,957,348 e	181,680 e	2,425,640 e
March	305,550 e	2,089,588 e	193,989 e	2,589,127 e
April	287,738 e	1,970,598 e	182,968 e	2,441,304 e
May	296,399 e	2,023,843 e	187,944 e	2,508,186 e
June	294,608 e	2,026,517 e	188,021 e	2,509,146 e
July	293,057 e	2,018,661 e	187,261 e	2,498,979 e
August	291,085 e	2,008,517 e	186,295 e	2,485,897 e
September	291,830 e	2,017,045 e	187,064 e	2,495,940 e
October	289,544 e	2,004,954 e	185,910 e	2,480,409 e
November				
December				
2000	**2,941,314** e	**20,196,598** e	**1,874,186** e	**25,012,100** e

e Estimated r Revised

Table 3

LOUISIANA STATE CRUDE OIL and CONDENSATE PRODUCTION

Excluding OCS
(Barrels)

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	32,226,703	151,383,359	27,591,943	211,202,005
1981	35,108,058	138,466,404	26,273,437	199,847,899
1982	35,606,463	128,818,906	24,940,981	189,366,350
1983	33,430,581	121,375,615	24,802,772	179,608,968
1984	32,730,382	127,476,082	27,036,480	187,242,944
1985	32,104,784	126,883,275	26,013,271	185,001,330
1986	29,551,497	124,563,098	26,796,139	180,910,734
1987	27,548,782	121,071,330	25,184,078	173,804,190
1988	26,676,734	115,075,497	24,493,279	166,245,510
1989	25,168,802	104,722,094	22,704,934	152,595,830
1990	25,802,526	99,620,106	22,829,541	148,252,173
1991	26,782,982	96,272,416	24,215,860	147,271,258
1992	25,742,391	93,841,676	23,490,830	143,074,897
1993	23,807,713	90,991,834	23,328,586	138,128,133
1994	20,995,988	83,413,329	22,764,469	127,173,786
1995	21,576,996	85,698,791	23,605,431	130,881,218
1996	23,107,913	88,960,163	22,715,043	134,783,119
1997	22,517,957	88,089,816	21,001,624	131,609,397
July	1,722,431	8,151,267	1,802,922	11,676,620
August	1,678,441	7,878,010	1,687,500	11,243,951
September	1,560,906	7,018,584	1,146,436	9,725,926
October	1,689,302	7,386,568	1,294,227	10,370,097
November	1,457,280	6,779,398	1,321,331	9,558,009
December	1,460,639	6,955,464	1,325,075	9,741,178
1998	**20,542,390**	**88,470,668**	**18,553,610**	**127,566,669**
January	1,480,269	7,036,896	1,321,177	9,838,342
February	1,436,201	6,765,852	1,250,257	9,452,310
March	1,539,500	7,291,820	1,298,854	10,130,175
April	1,406,491	6,687,221	1,216,024	9,309,736
May	1,506,513	7,177,383	1,340,933	10,024,829
June	1,409,597	6,792,131	1,243,981 e	9,445,709 e
July	1,398,027 e	6,790,411 e	1,222,529 e	9,410,967 e
August	1,433,955 e	6,968,205 e	1,252,295 e	9,654,455 e
September	1,411,023 e	6,923,613 e	1,229,139 e	9,563,775 e
October	1,427,151 e	7,022,460 e	1,253,212 e	9,702,823 e
November	1,361,632 e	6,755,169 e	1,197,064 e	9,313,865 e
December	1,392,013 e	6,956,350 e	1,220,836 e	9,569,199 e
1999	**17,202,372 e**	**83,167,511 e**	**15,046,301 e**	**115,416,185 e**
January	1,386,636 e	6,895,256 e	1,213,226 e	9,495,118 e
February	1,370,690 e	6,801,883 e	1,204,850 e	9,377,423 e
March	1,367,743 e	6,853,740 e	1,198,064 e	9,419,547 e
April	1,288,942 e	6,475,976 e	1,130,918 e	8,895,836 e
May	1,324,912 e	6,789,729 e	1,194,160 e	9,308,801 e
June	1,315,884 e	6,712,307 e	1,161,176 e	9,189,367 e
July	1,303,195 e	6,671,633 e	1,151,232 e	9,126,060 e
August	1,289,288 e	6,634,363 e	1,140,900 e	9,064,551 e
September	1,275,721 e	6,606,443 e	1,130,242 e	9,012,406 e
October	1,260,385 e	6,565,227 e	1,118,938 e	8,944,549 e
November				
December				
2000	**13,183,396 e**	**67,006,557 e**	**11,643,706 e**	**91,833,658 e**

e Estimated r Revised

Figure 1

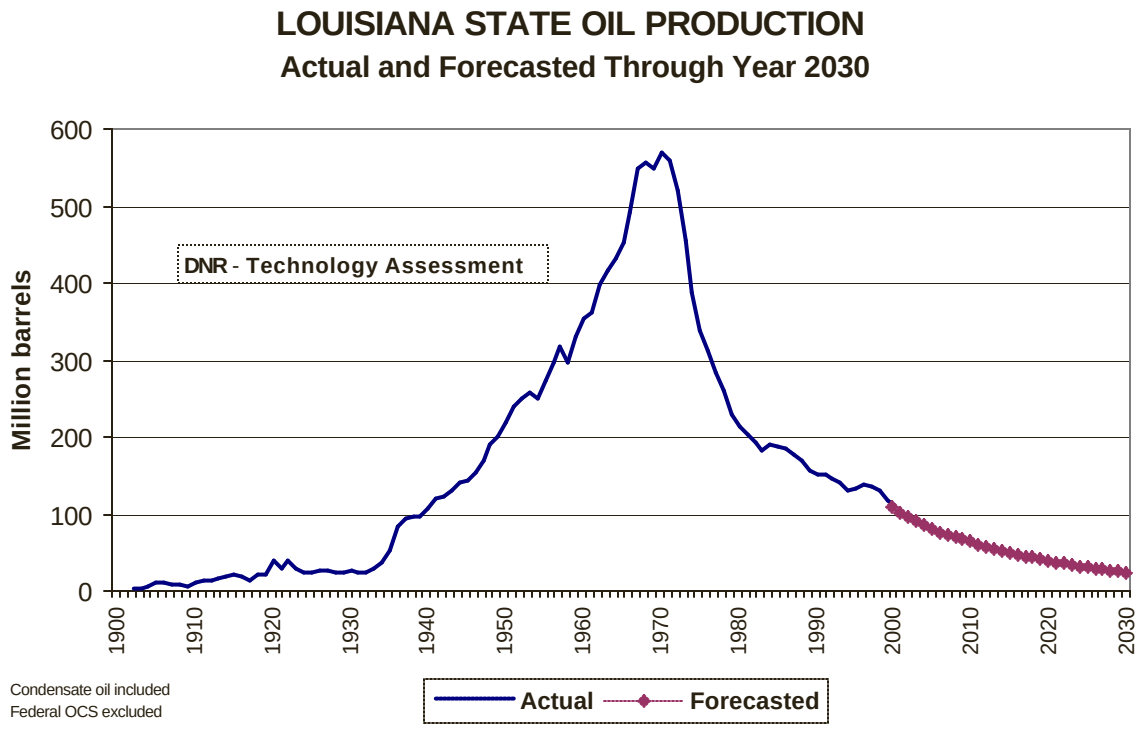


Figure 2

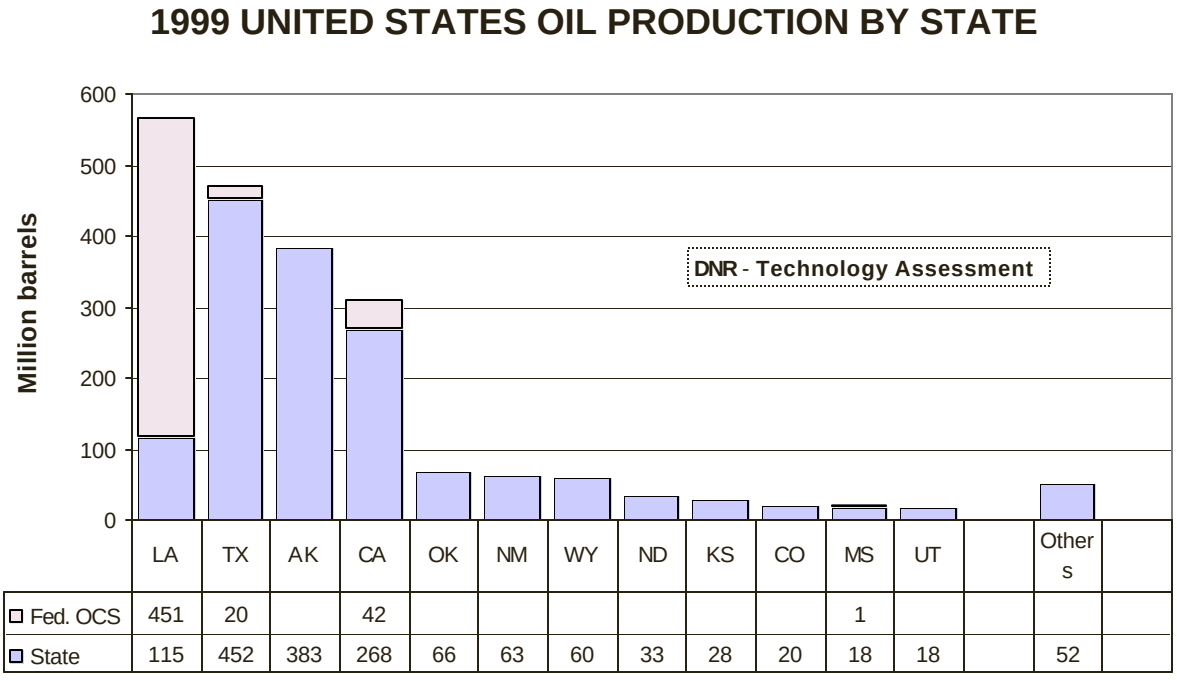


Table 4

LOUISIANA TOTAL CRUDE OIL and CONDENSATE PRODUCTION

(Barrels)

DATE	ONSHORE	OFFSHORE		TOTAL
		State	Federal OCS	
1980	183,610,062	27,591,943	256,688,082	467,890,087
1981	173,574,462	26,273,437	255,875,717	455,723,616
1982	164,425,369	24,940,981	275,513,489	464,879,839
1983	154,806,196	24,802,772	298,093,559	477,702,527
1984	160,206,464	27,036,480	318,024,622	505,267,566
1985	158,988,059	26,013,271	338,901,863	523,903,193
1986	154,114,595	26,796,139	340,152,276	521,063,010
1987	148,620,112	25,184,078	307,950,881	481,755,071
1988	141,752,231	24,493,279	261,936,530	428,182,040
1989	129,890,896	22,704,934	246,207,653	398,803,483
1990	125,422,632	22,829,541	264,670,535	412,922,708
1991	123,055,398	24,215,860	262,647,733	409,918,991
1992	119,584,067	23,490,830	288,918,208	431,993,105
1993	114,799,547	23,328,586	293,443,881	431,572,014
1994	104,409,317	22,764,469	293,077,191	420,250,977
1995	107,275,787	23,605,431	320,255,087	451,136,305
1996	112,068,076	22,715,043	349,101,048	483,884,167
1997	110,607,773	21,001,624	399,536,004	531,145,401
July	9,873,698	1,802,922	36,954,514	48,631,134
August	9,556,451	1,687,500	36,455,414	47,699,365
September	8,579,490	1,146,436	30,730,090	40,456,016
October	9,075,870	1,294,227	36,569,229	46,939,326
November	8,236,678	1,321,331	34,549,221	44,107,230
December	8,416,103	1,325,075	35,141,059	44,882,237
1998	**109,013,058**	**18,553,610**	**415,865,901**	**543,432,569**
January	8,517,165	1,321,177	35,722,490	45,560,832
February	8,202,053	1,250,257	32,682,516	42,134,826
March	8,831,320	1,298,854	37,670,317	47,800,491
April	8,093,712	1,216,024	37,826,641	47,136,377
May	8,683,896	1,340,933	31,372,824	41,397,653
June	8,201,728	1,243,981	38,080,549	47,526,258
July	8,188,438 e	1,222,529 e	40,038,864	49,449,831 e
August	8,402,160 e	1,252,295 e	40,587,419	50,241,874 e
September	8,334,636 e	1,229,139 e	39,677,897	49,241,672 e
October	8,449,611 e	1,253,212 e	39,537,679	49,240,502 e
November	8,116,801 e	1,197,064 e	38,785,429	48,099,294 e
December	8,348,363 e	1,220,836 e	39,408,830	48,978,029 e
1999	**100,369,883 e**	**15,046,301 e**	**451,391,454**	**566,807,638 e**
January	8,281,892 e	1,213,226 e	37,305,265 e	46,800,383 e
February	8,172,573 e	1,204,850 e	37,459,879 e	46,837,302 e
March	8,221,483 e	1,198,064 e	40,161,001 e	49,580,548 e
April	7,764,918 e	1,130,918 e	38,225,655 e	47,121,491 e
May	8,114,641 e	1,194,160 e	40,734,020 e	50,042,821 e
June	8,028,191 e	1,161,176 e	35,358,441 e	44,547,808 e
July	7,974,828 e	1,151,232 e	36,059,824 e	45,185,884 e
August	7,923,651 e	1,140,900 e	35,623,261 e	44,687,812 e
September	7,882,164 e	1,130,242 e		9,012,406 e
October	7,825,612 e	1,118,938 e		8,944,550 e
November				
December				
2000	**80,189,953 e**	**11,643,706 e**	**300,927,346 e**	**392,761,005 e**

e Estimated r Revised

TABLE 5

LOUISIANA STATE OIL PRODUCTION* BY WELL RATES

AS PUBLISHED IN SEVERANCE TAX REPORTS[8]

(Barrels)

DATE	FULL RATE	INCAPABLE WELLS RATE	STRIPPER WELLS RATE	TAXED VOLUME
1980	192,285,668	2,521,676	7,679,875	202,487,219
1981	193,725,528	2,579,437	9,072,057	205,377,024
1982	180,197,905	2,955,008	9,103,966	192,301,881
1983	172,094,095	2,884,691	9,731,435	184,710,221
1984	171,425,402	3,099,053	9,830,262	184,354,717
1985	173,545,432	3,110,740	10,513,745	187,169,920
1986	180,108,437	3,208,451	10,059,344	193,376,232
1987	155,987,737	3,201,095	8,809,543	168,015,044
1988	142,605,746	3,288,994	8,242,330	154,150,151
1989	139,442,253	3,265,429	7,429,510	150,165,554
1990	131,140,448	3,274,774	7,154,125	141,577,610
1991	136,212,521	3,888,128	8,112,117	148,220,451
1992	133,399,849	3,665,298	7,718,696	144,783,843
1993	128,699,431	3,448,387	7,240,065	139,387,883
1994	118,109,958	3,691,802	6,347,047	128,148,807
1995	108,373,913	4,239,717	6,230,454	118,844,084
1996	103,524,192	3,786,147	6,240,956	113,551,295
1997	101,772,533	3,466,389	5,645,687	110,884,610
July	8,014,289	242,023	563,745 e	8,820,057
August	7,525,850	257,016	429,463 e	8,212,329
September	8,069,413	278,312	540,506 e	8,888,232
October	6,364,226	225,117	486,738 e	7,076,081
November	5,070,571	221,198	576,213 e	5,867,982
December	7,041,336	237,035	455,785 e	7,734,156
1998	**89,083,365**	**2,878,225**	**5,892,007 e**	**97,853,597**
January	7,288,827	241,554	484,883 e	8,015,264
February	7,409,902	204,840	511,730 e	8,126,472
March	6,618,236	199,541	547,567 e	7,365,345
April	7,247,731	241,081	490,267 e	7,979,079
May	5,811,170	222,772	443,822 e	6,477,764
June	7,166,502	188,673	473,692 e	7,828,867
July	7,667,499	168,565	472,495 e	8,308,560
August	7,944,467	217,266	541,086 e	8,702,819
September	7,428,865	250,072	481,054 e	8,159,991
October	7,092,842	263,820	398,417 e	7,755,079
November	7,472,572	218,194	421,489	8,112,256
December	6,058,824	370,136	424,481	6,853,441
1999	**85,207,438**	**2,786,515**	**5,690,984** e	**93,684,937**
January	7,169,247	204,662	454,208	7,828,117
February	9,912,879	216,600	397,277	10,526,756
March	6,780,484	220,091	466,258	7,466,833
April	6,127,186	349,513	377,244	6,853,943
May	7,438,727	227,187	517,904	8,183,818
June	7,216,774	202,542	443,479	7,862,794
July	7,585,545	199,981	503,190	8,288,716
August	7,229,398	211,258	421,949	7,862,605
September	7,295,624	242,227	460,145	7,997,995
October				0
November				0
December				0
2000	**66,755,864**	**2,074,061**	**4,041,653**	**72,871,578**

e Estimated r Revised

* Due to reporting time lag and well exemptions the above figures are different from actual produc
See footnote in Appendix B.

Figure 3

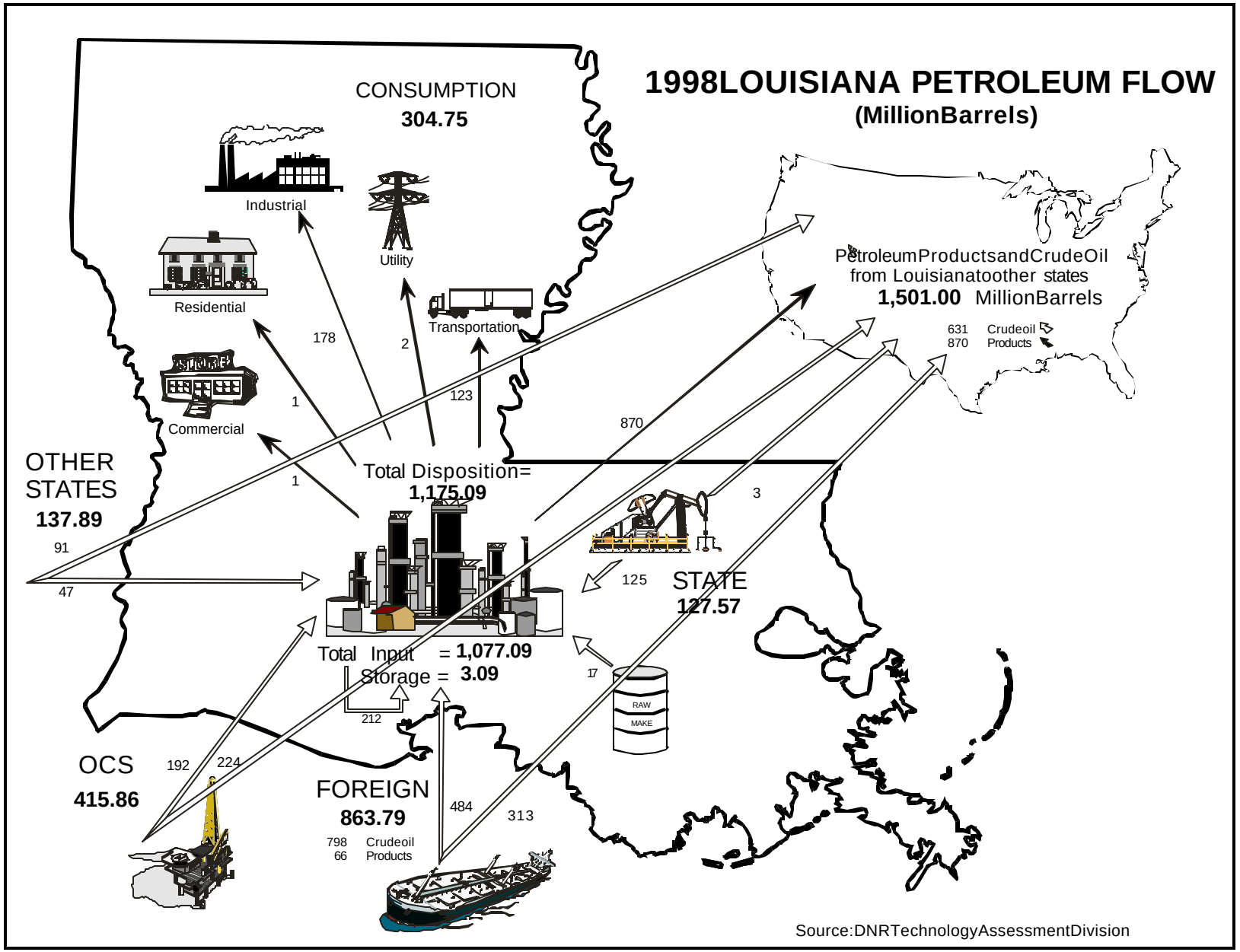

1998LOUISIANA PETROLEUM FLOW
(MillionBarrels)
CONSUMPTION
304.75
Industrial
Utility
Residential
Transportation
Commercial
178
2
1
123
1
870
3
OTHER
STATES
137.89
91
47
Total Disposition=
1,175.09
125
STATE
127.57
Total Input = 1,077.09
Storage = 3.09
212
17
RAW
MAKE
OCS
415.86
192
224
FOREIGN
863.79
798 Crudeoil
66 Products
484
313
PetroleumProductsandCrudeOil
from Louisianatoother states
1,501.00 MillionBarrels
631 Crudeoil
870 Products
Source:DNRTechnologyAssessmentDivision

Table 6

UNITED STATES OCS CRUDE OIL AND CONDENSATE PRODUCTION[12]

(Barrels)

YEAR	LOUISIANA	TEXAS	CALIFORNIA	TOTAL
PRIOR	1,150,697	0	0	1,150,697
1954	3,342,230	0	0	3,342,230
1955	6,703,528	1,956	0	6,705,484
1956	11,001,248	13,284	0	11,014,532
1957	16,064,395	5,792	0	16,070,187
1958	24,769,037	0	0	24,769,037
1959	35,697,264	257	0	35,697,521
1960	49,665,891	98	0	49,665,989
1961	64,330,078	0	0	64,330,078
1962	89,733,099	3,483	0	89,736,582
1963	104,526,436	52,804	0	104,579,240
1964	122,495,173	4,953	0	122,500,126
1965	144,964,868	3,747	0	144,968,615
1966	187,831,472	882,598	0	188,714,070
1967	218,995,828	2,865,786	0	221,861,614
1968	263,825,359	3,110,642	2,059,889	268,995,890
1969	300,159,292	2,759,851	9,940,844	312,859,987
1970	333,411,492	2,247,048	24,987,628	360,646,168
1971	385,760,351	1,685,047	31,103,548	418,548,946
1972	387,590,662	1,733,018	22,562,213	411,885,893
1973	374,196,856	1,617,829	18,915,314	394,729,999
1974	342,435,496	1,381,825	16,776,744	360,594,065
1975	313,592,559	1,340,136	15,304,757	330,237,452
1976	301,887,002	1,054,554	13,978,553	316,920,109
1977	290,771,605	909,037	12,267,598	303,948,240
1978	278,071,535	2,107,599	12,085,908	292,265,042
1979	271,008,916	3,595,546	10,961,076	285,565,538
1980	256,688,082	10,502,007	10,198,886	277,388,975
1981	255,875,717	14,284,661	19,605,027	289,765,405
1982	275,513,489	17,263,766	28,434,202	321,211,457
1983	298,093,559	19,710,197	30,527,487	348,331,243
1984	318,024,622	21,960,086	30,254,306	370,239,014
1985	338,901,863	20,640,957	29,781,465	389,324,285
1986	340,152,276	19,835,882	29,227,846	389,216,004
1987	307,950,881	24,634,142	33,556,686	366,141,709
1988	261,936,530	26,115,776	32,615,118	320,667,424
1989	246,207,653	25,887,841	33,072,161	305,167,655
1990	264,670,535	26,439,927	33,312,719	324,423,181
1991	262,647,733	23,899,428	29,146,090	315,693,251
1992	288,918,208	23,582,162	41,222,801	353,726,380
1993	293,443,881	19,151,111	50,078,144	362,675,766
1994	293,077,191	19,121,540	57,229,464	369,474,307
1995	320,255,087	17,347,391	71,254,440	408,875,006
1996	349,101,048	21,078,663	67,804,200	438,003,670
1997	399,536,004	20,927,592	58,279,489	478,775,008
1998	415,865,901	20,128,157	40,636,231	476,655,336
1999	451,391,454	19,832,067	42,071,101	513,317,586

See footnote in Appendix B.

Table 7

UNITED STATES CRUDE OIL AND CONDENSATE PRODUCTION AND IMPORTS

(Thousand barrels)

DATE	ALL OCS[12]	DOMESTIC PRODUCTION[7]	IMPORTS OTHER[7]	IMPORTS SPR[7]
1980	277,389	3,146,502	1,910,154	16,104
1981	289,765	3,128,780	1,511,465	93,440
1982	321,211	3,156,885	1,212,895	60,225
1983	348,331	3,171,120	1,130,040	85,410
1984	370,239	3,249,714	1,181,814	72,102
1985	389,324	3,274,415	1,125,295	43,070
1986	389,216	3,168,200	1,507,450	17,520
1987	366,142	3,047,385	1,679,365	26,645
1988	320,667	2,979,240	1,850,130	18,666
1989	305,168	2,778,745	2,112,255	20,440
1990	324,423	2,684,575	2,141,455	9,855
1991	315,693	2,707,205	2,110,430	0
1992	353,726	2,617,998	2,212,470	3,660
1993	362,676	2,495,933	2,451,415	5,367
1994	369,474	2,418,981	2,560,220	4,485
1995	408,875	2,383,404	2,642,689	0
1996	438,004	2,368,535	2,738,387	0
1997	478,775	2,339,981	2,918,425	0
July	36,796	195,982	288,574	0
August	37,357	194,556	283,436	0
September	36,143	182,065	251,752	0
October	38,602	190,706	262,181	0
November	37,389	182,161	264,635	0
December	39,985	184,090	256,120	0
1998	**476,655**	**2,293,763**	**3,120,791**	**0**
January	41,563	184,588	257,543	0
February	38,026	167,544	234,842	0
March	43,569	187,490	271,481	
April	43,285	179,301	272,410	0
May	36,554	185,523	272,977	
June	43,338	176,412	258,026	0
July	44,345	182,071	285,890	0
August	45,286	183,269	269,193	0
September	44,515	174,599	253,571	520
October	44,682	182,229	261,069	539
November	43,714	176,847	245,057	499
December	44,445	182,879	250,317	507
1999	**513,318**	**2,162,752**	**3,132,376**	**2,065**
January	42,741	180,821	239,209	84
February	42,759	170,779	234,296	496
March	45,909	182,055	268,497	0
April	43,753	175,510	272,641	0
May	46,564	180,931	276,286	0
June		174,732	283,182	475
July		179,546	288,451	475
August				
September				
October				
November				
December				
2000	**221,726**	**1,244,374**	**1,862,562**	**1,530**

See footnote in Appendix B.

Table 8

LOUISIANA STATE ROYALTY OIL, GAS AND PLANT PRODUCTS
CALCULATED VOLUMES, Excluding OCS

DATE	OIL (Barrels)	GAS (MCF)	PLANT LIQUIDS (Barrels)
1980	10,156,242	111,210,699	1,017,183
1981	9,460,901	100,944,844	966,222
1982	8,756,198	95,448,648	808,946
1983	8,956,936	88,029,268	694,641
1984	8,786,732	86,315,477	944,965
1985	8,404,223	76,612,605	845,349
1986	8,859,310	81,463,285	1,751,664
1987	8,040,773	78,166,315	511,790
1988	7,544,770	69,991,244	456,976
1989	7,184,774	69,936,929	461,237
1990	6,781,765	66,417,089	348,776
1991	6,923,565	61,809,109	933,307
1992	6,837,552	57,911,258	1,689,942
1993	6,721,350	67,052,274	698,857
1994	6,288,843	54,798,617	600,660
1995	6,301,254	57,032,170	938,660
1996	6,409,411	61,011,126	485,746
1997	6,383,523	61,600,531	1,348,842
July	542,851	5,015,457	17,449
August	521,213	4,895,600	25,610
September	376,537	3,639,900	14,359
October	446,456	4,163,076	16,334
November	465,173	4,183,313	21,526
December	640,793	4,151,514	16,845
1998	**6,085,087**	**56,170,545**	**319,945**
January	534,545	4,162,896	12,442
February	408,141	3,856,378	11,986
March	484,603	4,090,286	21,530
April	513,121	3,926,741	19,728
May	462,053	4,030,282	13,854
June	449,805	4,141,553	15,527
July	447,826	4,470,855	15,130
August	510,681	3,568,126	13,053
September	350,511	4,038,633	12,332
October	465,116	4,170,125	27,799
November	423,492	4,148,986	12,964
December	745,175	4,279,283	24,468
1999	**5,795,070**	**48,884,143**	**200,814**
January	439,915	4,343,726	17,850
February	387,423	4,001,597	22,474
March	512,785	4,239,680	62,890
April	421,822	4,109,676	67,122
May	464,721	4,223,426	13,093
June	442,804	4,159,037	13,438
July	487,606	3,998,556	11,906
August	539,789		
September			
October			
November			
December			
2000	**3,696,866**	**29,075,698**	**208,773**

Table 9

LOUISIANA STATE NATURAL GAS PRODUCTION
WET AFTER LEASE SEPARATION
Excluding OCS and Casinghead Gas
(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	330,884,663	1,767,558,650	386,259,849	2,484,703,162
1981	365,532,522	1,619,182,208	352,913,474	2,337,628,204
1982	322,562,084	1,401,264,770	336,247,316	2,060,074,170
1983	309,779,141	1,197,313,110	295,223,244	1,802,315,495
1984	330,928,158	1,265,569,410	288,926,246	1,885,423,814
1985	300,663,731	1,158,015,879	224,447,933	1,683,127,543
1986	313,753,687	1,125,245,664	216,313,931	1,655,313,282
1987	307,115,420	1,055,195,652	201,763,178	1,564,074,250
1988	325,963,115	1,067,940,357	193,310,392	1,587,213,864
1989	338,950,374	1,044,297,352	182,501,789	1,565,749,515
1990	348,400,863	1,019,951,674	158,125,352	1,526,477,889
1991	347,794,923	1,028,714,344	130,244,999	1,506,754,266
1992	340,962,480	986,842,710	123,004,591	1,450,809,781
1993	333,365,443	970,558,217	130,644,180	1,434,567,840
1994	334,405,155	924,936,273	134,041,559	1,393,382,987
1995	347,924,294	916,828,845	142,193,576	1,406,946,715
1996	389,744,507	927,296,675	165,836,112	1,482,877,294
1997	404,560,184	869,339,732	164,922,199	1,438,822,115
July	31,358,818	70,771,220	14,217,289	116,347,327
August	31,595,773	71,661,307	13,242,516	116,499,596
September	30,660,367	67,108,007	9,242,962	107,011,336
October	31,247,319	66,424,125	10,152,968	107,824,412
November	30,619,524	67,801,522	12,123,423	110,544,468
December	30,820,369	68,559,886	11,783,972	111,164,226
1998	**385,730,969**	**826,553,402**	**155,328,509**	**1,367,612,878**
January	31,008,098	68,987,155	11,387,059	111,382,313
February	28,703,856	63,600,437	10,228,691	102,532,983
March	31,092,675	69,064,710	11,428,222	111,585,608
April	29,014,800	65,030,117	10,923,803	104,968,720
May	29,399,027	66,056,250	10,949,419	106,404,696
June	28,833,897	64,920,936	10,679,463	104,434,296
July	29,788,858 e	67,236,846 e	11,052,690 e	108,078,394 e
August	31,264,860 e	70,837,143 e	11,695,733 e	113,797,736 e
September	28,753,056 e	65,412,779 e	10,795,283 e	104,961,118 e
October	29,823,641 e	68,057,855 e	11,190,753 e	109,072,249 e
November	28,693,040 e	65,687,869 e	10,783,198 e	105,164,107 e
December	29,476,436 e	67,713,465 e	11,110,994 e	108,300,895 e
1999	**355,852,244** e	**802,605,562** e	**132,225,308** e	**1,290,683,115** e
January	29,203,274 e	67,230,793 e	10,994,781 e	107,428,848 e
February	26,321,936 e	60,798,229 e	9,923,231 e	97,043,397 e
March	29,162,399 e	67,571,607 e	11,003,512 e	107,737,517 e
April	27,202,923 e	63,231,243 e	10,276,064 e	100,710,230 e
May	27,773,393 e	64,509,068 e	10,481,716 e	102,764,177 e
June	27,432,785 e	63,868,188 e	10,355,861 e	101,656,834 e
July	27,078,687 e	63,195,667 e	10,228,077 e	100,502,431 e
August	27,230,037 e	63,675,154 e	10,289,046 e	101,194,238 e
September	26,843,565 e	62,895,864 e	10,146,153 e	99,885,582 e
October	26,771,694 e	62,828,788 e	10,120,171 e	99,720,652 e
November				
December				
2000	**275,020,693** e	**639,804,601** e	**103,818,612** e	**1,018,643,906** e

e Estimated r Revised

Table 10

LOUISIANA STATE CASINGHEAD GAS PRODUCTION, WET AFTER LEASE SEPARATION

Excluding OCS

(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	38,744,387	164,256,351	22,524,274	225,525,012
1981	54,461,955	145,002,268	21,922,829	221,387,052
1982	55,863,596	134,358,406	23,337,433	213,559,435
1983	54,943,524	124,511,997	26,206,906	205,662,427
1984	55,963,897	125,127,837	29,081,452	210,173,186
1985	55,735,829	112,306,864	29,635,701	197,678,394
1986	55,221,898	110,422,742	33,507,683	199,152,323
1987	53,856,458	111,715,474	29,145,755	194,717,687
1988	51,713,587	111,548,808	22,788,966	186,051,361
1989	43,151,092	95,472,705	22,389,901	161,013,698
1990	34,770,189	93,283,902	20,537,696	148,591,787
1991	36,210,214	93,599,557	20,340,594	150,150,365
1992	29,465,495	133,236,937	23,609,696	186,312,128
1993	20,583,938	134,533,415	23,284,224	178,401,577
1994	21,493,345	113,311,545	23,065,762	157,870,652
1995	18,654,876	99,813,508	23,468,538	141,936,922
1996	24,817,079	94,326,300	18,777,372	137,920,751
1997	34,907,243	99,901,679	19,646,558	154,455,480
July	3,665,575	9,889,136	2,141,932	15,696,643
August	3,370,195	9,525,420	1,851,362	14,746,977
September	2,969,873	8,975,334	1,137,297	13,082,504
October	2,926,923	8,903,218	1,222,330	13,052,471
November	3,274,462	9,191,721	1,639,654	14,105,837
December	3,127,444	8,977,760	1,538,688	13,643,891
1998	**41,551,630**	**111,377,440**	**20,161,591**	**173,090,660**
January	2,996,608	8,721,892	1,409,380	13,127,880
February	2,591,743	7,590,576	1,174,794	11,357,113
March	2,959,890	8,616,774	1,380,853	12,957,516
April	2,768,335	7,992,993	1,316,240	12,077,568
May	2,838,581	8,243,824	1,334,509	12,416,914
June	2,780,606	8,094,657	1,294,743	12,170,006
July	2,714,652 e	7,902,944 e	1,261,478 e	11,879,074 e
August	2,664,640 e	7,748,115 e	1,244,246 e	11,657,002 e
September	2,469,777 e	7,179,813 e	1,153,465 e	10,803,055 e
October	2,661,062 e	7,746,569 e	1,238,250 e	11,645,881 e
November	2,611,668 e	7,606,391 e	1,212,736 e	11,430,795 e
December	2,764,215 e	8,051,428 e	1,282,863 e	12,098,505 e
1999	**32,821,777 e**	**95,495,976 e**	**15,303,557 e**	**143,621,309 e**
January	2,678,383 e	7,802,939 e	1,243,124 e	11,724,446 e
February	2,592,737 e	7,556,316 e	1,201,906 e	11,350,960 e
March	2,611,722 e	7,615,506 e	1,208,886 e	11,436,113 e
April	2,633,558 e	7,681,724 e	1,217,696 e	11,532,977 e
May	2,649,923 e	7,732,582 e	1,224,395 e	11,606,900 e
June	2,627,065 e	7,668,813 e	1,212,701 e	11,508,579 e
July	2,616,801 e	7,641,988 e	1,206,617 e	11,465,406 e
August	2,621,614 e	7,659,123 e	1,207,559 e	11,488,295 e
September	2,623,592 e	7,667,846 e	1,207,293 e	11,498,731 e
October	2,621,599 e	7,665,071 e	1,205,213 e	11,491,882 e
November				
December				
2000	**26,276,994 e**	**76,691,908 e**	**12,135,390 e**	**115,104,289 e**

e Estimated r Revised

Figure 4

LOUISIANA STATE GAS PRODUCTION
Actual and Forecasted Through Year 2030

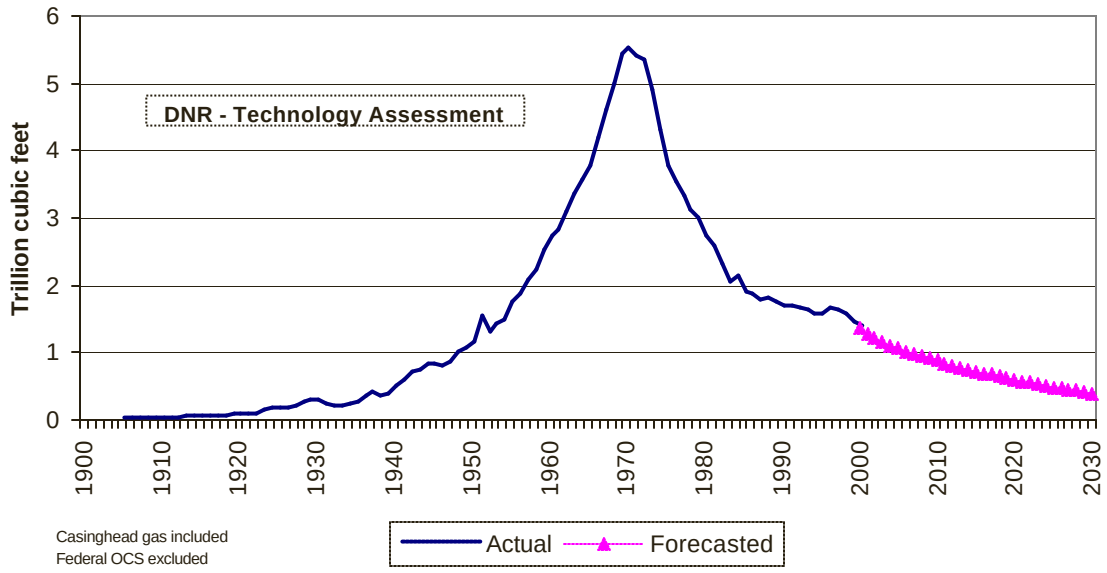
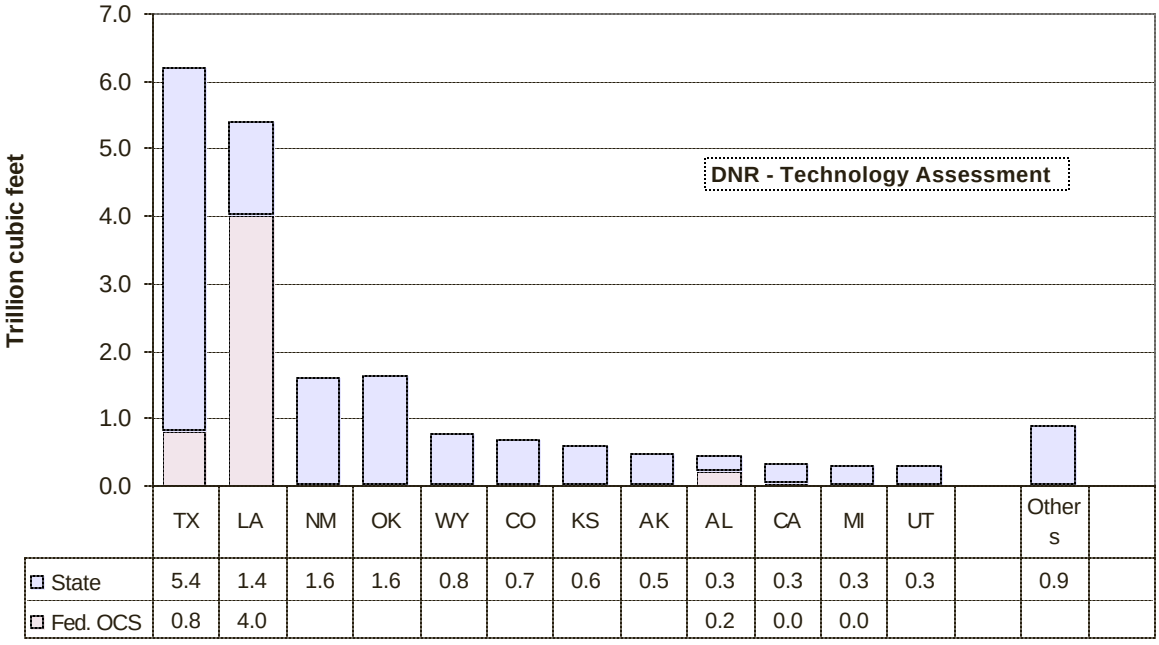


Figure 5

1999 UNITED STATES GAS PRODUCTION BY STATE



	TX	LA	NM	OK	WY	CO	KS	AK	AL	CA	MI	UT		Others	
State	5.4	1.4	1.6	1.6	0.8	0.7	0.6	0.5	0.3	0.3	0.3	0.3		0.9	
Fed. OCS	0.8	4.0							0.2	0.0	0.0				

Table 11

LOUISIANA STATE GAS PRODUCTION, WET AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas, Excluding OCS

(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)*

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	369,629,050	1,931,815,001	408,784,123	2,710,228,174
1981	419,994,477	1,764,184,476	374,836,303	2,559,015,256
1982	378,425,680	1,535,623,176	359,584,749	2,273,633,605
1983	364,722,665	1,321,825,107	321,430,150	2,007,977,922
1984	386,892,055	1,390,697,247	318,007,698	2,095,597,000
1985	356,399,560	1,270,322,743	254,083,634	1,880,805,937
1986	368,975,585	1,235,668,406	249,821,614	1,854,465,605
1987	360,971,878	1,166,911,126	230,908,933	1,758,791,937
1988	377,676,702	1,179,489,165	216,099,358	1,773,265,225
1989	382,101,466	1,139,770,057	204,891,690	1,726,763,213
1990	383,171,052	1,113,235,576	178,663,048	1,675,069,676
1991	384,005,137	1,122,313,901	150,585,593	1,656,904,631
1992	370,427,975	1,120,079,647	146,614,287	1,637,121,909
1993	353,949,381	1,105,091,632	153,928,404	1,612,969,417
1994	355,898,500	1,038,247,818	157,107,321	1,551,253,639
1995	366,579,170	1,016,642,353	165,662,114	1,548,883,637
1996	414,561,586	1,021,622,975	184,613,484	1,620,798,045
1997	439,467,427	969,241,411	184,568,757	1,593,277,595
July	35,024,393	80,660,356	16,359,221	132,043,970
August	34,965,968	81,186,727	15,093,878	131,246,573
September	33,630,240	76,083,341	10,380,259	120,093,840
October	34,174,242	75,327,343	11,375,298	120,876,883
November	33,893,986	76,993,243	13,763,077	124,650,305
December	33,947,813	77,537,646	13,322,660	124,808,117
1998	**427,282,599**	**937,930,842**	**175,490,100**	**1,540,703,538**
January	34,004,706	77,709,047	12,796,439	124,510,193
February	31,295,599	71,191,013	11,403,485	113,890,096
March	34,052,565	77,681,484	12,809,075	124,543,124
April	31,783,135	73,023,110	12,240,043	117,046,288
May	32,237,608	74,300,074	12,283,928	118,821,610
June	31,614,503	73,015,593	11,974,206	116,604,302
July	32,503,510 e	75,139,790 e	12,314,168 e	119,957,468 e
August	33,929,500 e	78,585,258 e	12,939,979 e	125,454,738 e
September	31,222,833 e	72,592,592 e	11,948,748 e	115,764,173 e
October	32,484,703 e	75,804,424 e	12,429,003 e	120,718,130 e
November	31,304,708 e	73,294,260 e	11,995,934 e	116,594,902 e
December	32,240,651 e	75,764,893 e	12,393,857 e	120,399,400 e
1999	**388,674,021 e**	**898,101,538 e**	**147,528,865 e**	**1,434,304,424 e**
January	31,881,657 e	75,033,732 e	12,237,905 e	119,153,294 e
February	28,914,673 e	68,354,545 e	11,125,137 e	108,394,357 e
March	31,774,121 e	75,187,113 e	12,212,398 e	119,173,630 e
April	29,836,481 e	70,912,967 e	11,493,760 e	112,243,207 e
May	30,423,316 e	72,241,650 e	11,706,111 e	114,371,077 e
June	30,059,850 e	71,537,001 e	11,568,562 e	113,165,413 e
July	29,695,488 e	70,837,655 e	11,434,694 e	111,967,837 e
August	29,851,651 e	71,334,277 e	11,496,605 e	112,682,533 e
September	29,467,157 e	70,563,710 e	11,353,446 e	111,384,314 e
October	29,393,293 e	70,493,859 e	11,325,383 e	111,212,535 e
November				
December				
2000	**301,297,687 e**	**716,496,509 e**	**115,954,001 e**	**1,133,748,197 e**

e Estimated r Revised

* See Appendix D-1 for corresponding volumes at 14.73 psia.

Table 12

LOUISIANA TOTAL GAS PRODUCTION, WET AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas

(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)*

DATE	ONSHORE	OFFSHORE		TOTAL
		State	Federal OCS[12]	
1980	2,301,444,051	408,784,123	3,934,902,550	6,645,130,724
1981	2,184,178,953	374,836,303	4,025,867,929	6,584,883,185
1982	1,914,048,856	359,584,749	3,729,057,653	6,002,691,258
1983	1,686,547,772	321,430,150	3,111,576,348	5,119,554,270
1984	1,777,589,302	318,007,698	3,508,475,799	5,604,072,799
1985	1,626,722,303	254,083,634	3,055,687,773	4,936,493,710
1986	1,604,643,991	249,821,614	2,870,347,386	4,724,812,991
1987	1,527,883,004	230,908,933	3,117,669,167	4,876,461,104
1988	1,557,165,867	216,099,358	3,036,077,646	4,809,342,871
1989	1,521,871,523	204,891,690	2,947,545,132	4,674,308,345
1990	1,496,406,628	178,663,048	3,633,554,307	5,308,623,983
1991	1,506,319,038	150,585,593	3,225,373,562	4,882,278,193
1992	1,490,507,622	146,614,287	3,272,561,370	4,909,683,279
1993	1,459,041,013	153,928,404	3,320,312,261	4,933,281,678
1994	1,394,146,318	157,107,321	3,423,837,064	4,975,090,703
1995	1,383,221,523	165,662,114	3,564,677,663	5,113,561,300
1996	1,436,184,561	184,613,484	3,821,696,407	5,442,494,452
1997	1,408,708,838	184,568,757	3,837,040,071	5,430,317,666
July	115,684,749	16,359,221	309,694,499	441,738,469
August	116,152,695	15,093,878	320,882,390	452,128,963
September	109,713,581	10,380,259	225,329,320	345,423,160
October	109,501,585	11,375,298	294,480,396	415,357,279
November	110,887,229	13,763,077	318,341,104	442,991,410
December	111,485,459	13,322,660	325,969,180	450,777,299
1998	**1,365,213,441**	**175,490,100**	**3,714,986,973**	**5,255,690,514**
January	111,713,753	12,796,439	334,130,063	458,640,255
February	102,486,612	11,403,485	292,723,488	406,613,585
March	111,734,049	12,809,075	316,460,641	441,003,765
April	104,806,245	12,240,043	334,453,689	451,499,977
May	106,537,682	12,283,928	341,051,058	459,872,668
June	104,630,096	11,974,206	341,626,542	458,230,844
July	107,643,300 e	12,314,168 e	333,005,298	452,962,766 e
August	112,514,758 e	12,939,979 e	325,842,956	451,297,693 e
September	103,815,425 e	11,948,748 e	321,793,880	437,558,053 e
October	108,289,127 e	12,429,003 e	320,210,176	440,928,306 e
November	104,598,968 e	11,995,934 e	318,633,703	435,228,605 e
December	108,005,544 e	12,393,857 e	328,810,343	449,209,744 e
1999	**1,286,775,559 e**	**147,528,865 e**	**3,908,741,837**	**5,343,046,261 e**
January	106,915,389 e	12,237,905 e	342,677,435 e	461,830,729 e
February	97,269,218 e	11,125,137 e	323,215,029 e	431,609,384 e
March	106,961,234 e	12,212,398 e	352,944,011 e	472,117,643 e
April	100,749,448 e	11,493,760 e	358,310,283 e	470,553,491 e
May	102,664,966 e	11,706,111 e	345,180,743 e	459,551,820 e
June	101,596,851 e	11,568,562 e		113,165,413 e
July	100,533,143 e	11,434,694 e		111,967,837 e
August	101,185,928 e	11,496,605 e		112,682,533 e
September	100,030,867 e	11,353,446 e		111,384,313 e
October	99,887,152 e	11,325,383 e		111,212,535 e
November				
December				
2000	**1,017,794,196 e**	**115,954,001 e**	**1,722,327,501 e**	**2,856,075,698 e**

e Estimated r Revised

* See Appendix D-2 for corresponding volumes at 14.73 psia.

Table 13

LOUISIANA MARKETED AND DRY GAS PRODUCTION

(Billion Cubic Feet (BCF) at 15.025 psia and 60 degrees Fahrenheit)*

	MARKETED			EXTRACTION	
DATE	State	OCS	Total[3]	LOSS[3]	DRY[3]
1980	2,391	4,118	6,509	139	6,370
1981	2,219	4,428	6,647	140	6,507
1982	1,974	4,077	6,050	126	5,924
1983	1,722	3,505	5,227	122	5,106
1984	1,835	3,875	5,711	130	5,581
1985	1,656	3,259	4,915	115	4,800
1986	1,625	3,174	4,799	113	4,686
1987	1,544	3,478	5,022	122	4,899
1988	1,664	3,415	5,079	118	4,961
1989	1,620	3,359	4,978	119	4,859
1990	1,597	3,542	5,139	117	5,022
1991	1,544	3,391	4,936	127	4,809
1992	1,658	3,160	4,818	130	4,688
1993	1,599	3,294	4,893	128	4,765
1994	1,549	3,519	5,068	126	4,942
1995	1,471	3,537	5,008	143	4,865
1996	1,488	3,650	5,186	137	5,049
1997	1,480	3,647	5,127	147	4,980
July	129 r	317 r	447 r		
August	120 r	329 r	449 r		
September	128 r	228 r	357 r		
October	125 r	301 r	426 r		
November	96 r	328 r	424 r		
December	105 r	335 r	441 r		
1998	**1,420** r	**3,776** r	**5,195** r	**142** r	**5,053** r
January	115	328 e	443		
February	119	286 e	405		
March	132	309 e	441		
April	99	330 e	429		
May	116	335 e	451		
June	108	334 e	441		
July	119	326 e	445		
August	127	319 e	446		
September	106	317 e	423		
October	111	315 e	425		
November	110	313 e	423		
December	112	324 e	435		
1999	**1,373**	**3,836 e**	**5,209**	**162**	**5,048**
January	116	336 e	451		
February	107	317 e	424		
March	112	346 e	458		
April	92	351 e	443		
May	115	338 e	454		
June	111				
July	112				
August	106				
September	104				
October					
November					
December					
2000	**974**	**1,688 e**	**2,230**	**N/A**	**N/A**

e Estimated r Revised

See footnote in Appendix B.

* See Appendix D-3 for corresponding volumes at 14.73 psia.

Figure 6

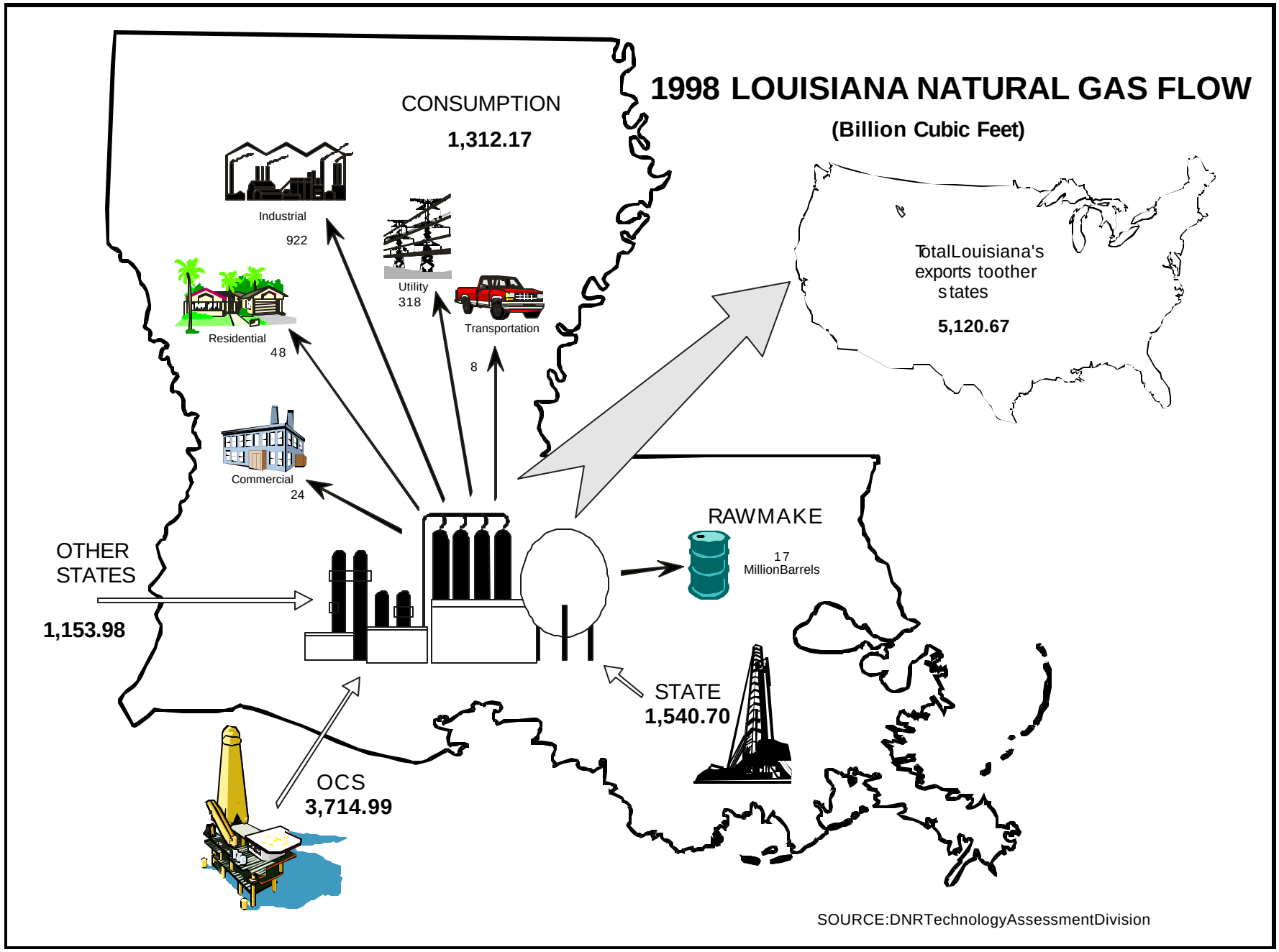

1998 LOUISIANA NATURAL GAS FLOW
(Billion Cubic Feet)
CONSUMPTION
1,312.17
Industrial
922
Utility
318
Transportation
8
Residential
48
Commercial
24
TotalLouisiana's exports toother states
5,120.67
RAWMAKE
17
MillionBarrels
OTHER STATES
1,153.98
STATE
1,540.70
OCS
3,714.99
SOURCE:DNRTechnologyAssessmentDivision

Table 14

LOUISIANA STATE GAS PRODUCTION BY WELL RATES

AS PUBLISHED IN SEVERANCE TAX REPORTS[8]

(MCF at 15.025psia and 60 degrees Fahrenheit)

DATE	FULL RATE	INCAPABLE GAS WELLS RATE	OTHER RATES	TAXED VOLUME
1980	2,287,994,563	64,299,362	25,614,034	2,378,154,110
1981	2,259,226,741	69,127,132	27,821,281	2,356,175,154
1982	2,040,417,849	67,415,215	23,885,266	2,131,718,329
1983	1,830,549,223	66,037,859	20,750,463	1,917,337,545
1984	1,849,689,870	61,394,328	22,460,870	1,933,548,068
1985	1,710,600,175	56,471,054	22,020,986	1,789,092,195
1986	1,748,310,878	56,729,077	22,829,692	1,827,869,647
1987	1,577,841,418	56,316,278	20,374,445	1,654,532,141
1988	1,487,438,834	54,709,819	22,370,768	1,564,519,421
1989	1,529,057,929	54,419,642	31,800,386	1,615,277,957
1990	1,525,451,737	53,547,797	19,438,902	1,598,438,436
1991	1,492,986,396	52,500,178	35,820,609	1,581,307,183
1992	1,499,489,622	55,146,661	25,466,874	1,580,103,157
1993	1,463,723,027	46,017,071	13,839,450	1,523,579,548
1994	1,410,035,722	52,417,334	13,688,870	1,476,141,926
1995	1,334,980,887	53,491,942	13,759,192	1,402,232,021
1996	1,354,105,430	52,368,159	11,191,715	1,417,665,304
1997	1,343,182,922	57,663,413	9,951,387	1,410,797,722
July	108,429,794	5,927,777	1,032,695	116,347,327
August	100,965,036	4,788,666	928,371	116,499,596
September	108,116,824	5,549,884	1,046,821	107,011,336
October	106,030,310	4,059,332	997,509	107,824,412
November	80,391,487	4,139,972	724,199	110,873,134
December	88,559,899	4,673,037	535,106	109,975,043
1998	**1,191,471,607**	**60,242,544**	**11,733,098**	**1,263,447,249**
January	96,839,621	4,903,846	756,701	102,500,168
February	100,292,772	4,390,299	759,142	105,442,213
March	112,487,627	4,612,617	799,316	117,899,560
April	82,273,520	4,788,796	923,073	87,985,389
May	96,755,294	5,514,823	980,267	103,250,384
June	87,797,309	4,656,329	681,021	93,134,659
July	99,999,230	4,668,613	928,505	105,596,348
August	107,000,610	4,581,942	1,546,701	113,129,253
September	88,947,252	4,595,957	843,143	94,386,352
October	93,709,255	4,577,798	712,411	98,999,464
November	91,695,988	4,743,780	1,081,348	97,521,116
December	93,694,638	5,274,065	606,003	99,574,706
1999	**1,151,493,116**	**57,308,865**	**10,617,631**	**1,219,419,612**
January	106,231,115	3,868,821	0	110,099,936
February	103,313,678	752,868	1,128,740	105,195,286
March	101,653,497	4,089,004	897,783	106,640,284
April	82,042,281	4,525,840	901,468	87,469,589
May	103,176,266	5,392,681	799,577	109,368,524
June	98,225,684	6,301,960	500,565	105,028,209
July	110,473,611	4,358,274	724,390	115,556,275
August	95,779,164	4,263,264	769,038	100,813,771
September	92,718,231	4,873,054	800,062	98,391,347
October				
November				
December				
2000	**893,613,527**	**38,425,766**	**6,521,623**	**938,563,221**

e Estimated r Revised

Table 15

UNITED STATES OCS GAS PRODUCTION[12]

Natural Gas and Casinghead Gas

(MCF at 15.025 psia and 60 degrees Fahrenheit)*

YEAR	LOUISIANA	TEXAS	CALIFORNIA	TOTAL
PRIOR	19,490,712	0	0	19,490,712
1954	55,219,200	0	0	55,219,200
1955	79,683,214	0	0	79,683,214
1956	81,265,031	0	0	81,265,031
1957	80,947,656	4,703	0	80,952,359
1958	125,185,735	0	0	125,185,735
1959	203,089,002	0	0	203,089,002
1960	267,673,709	0	0	267,673,709
1961	312,031,003	0	0	312,031,003
1962	443,079,048	0	0	443,079,048
1963	553,272,142	0	0	553,272,142
1964	609,524,401	0	0	609,524,401
1965	632,914,005	0	0	632,914,005
1966	946,433,484	41,233,595	0	987,667,078
1967	1,065,915,553	97,990,476	0	1,163,906,029
1968	1,385,715,670	107,752,805	783,984	1,494,252,460
1969	1,786,760,423	124,601,568	4,750,708	1,916,112,699
1970	2,228,516,212	130,683,192	11,989,041	2,371,188,444
1971	2,582,297,962	124,857,371	15,363,786	2,722,519,119
1972	2,824,792,196	144,267,198	9,836,582	2,978,895,976
1973	2,995,634,220	145,754,588	7,143,485	3,148,532,293
1974	3,283,413,450	156,838,375	5,464,209	3,445,716,035
1975	3,266,745,456	120,166,178	3,874,047	3,390,785,681
1976	3,431,149,749	90,764,667	3,406,969	3,525,321,386
1977	3,575,898,616	85,236,246	3,225,368	3,664,360,230
1978	4,068,255,571	227,305,175	3,404,117	4,298,964,864
1979	4,076,873,552	501,546,069	2,810,535	4,581,230,155
1980	3,934,902,550	612,378,333	3,046,020	4,550,326,904
1981	4,025,867,929	715,937,640	12,515,654	4,754,321,224
1982	3,729,057,653	841,173,981	17,402,403	4,587,634,037
1983	3,111,576,348	834,112,318	15,709,672	3,961,398,338
1984	3,508,475,799	913,008,621	27,260,940	4,448,745,360
1985	3,055,687,773	818,533,627	48,198,926	3,922,420,326
1986	2,870,347,386	959,161,285	41,850,867	3,871,359,539
1987	3,117,669,167	1,180,839,487	40,181,438	4,338,690,093
1988	3,036,077,646	1,155,285,485	33,891,880	4,225,255,011
1989	2,947,545,132	1,142,237,197	28,013,874	4,117,796,204
1990	3,633,554,307	1,321,607,333	37,775,234	4,992,936,873
1991	3,225,373,562	1,161,671,524	39,828,917	4,426,874,003
1992	3,272,561,370	1,215,055,449	40,071,149	4,593,647,066
1993	3,320,312,261	1,007,755,289	41,255,853	4,444,381,437
1994	3,423,837,064	994,291,314	40,860,740	4,565,582,229
1995	3,564,677,663	890,682,224	35,710,325	4,600,143,070
1996	3,821,696,407	953,772,416	37,080,328	4,925,771,640
1997	3,837,040,071	946,381,463	39,922,549	4,977,314,905
1998	3,714,986,973	850,572,237	25,912,242	4,740,449,969
1999	3,908,741,837	798,140,396	36,529,861	4,894,344,157

See footnote in Appendix B.

* See Appendix D-4 for corresponding volumes at 14.73 psia.

Figure 7

LOUISIANA OIL PRODUCTION AND PRICE

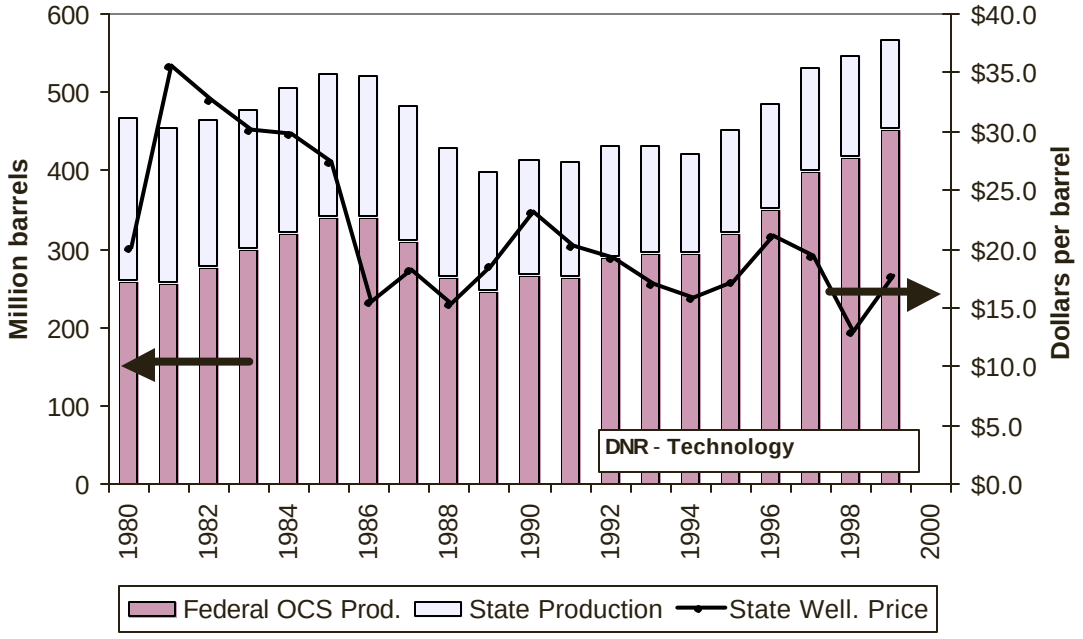


Figure 8

LOUISIANA GAS PRODUCTION AND PRICE

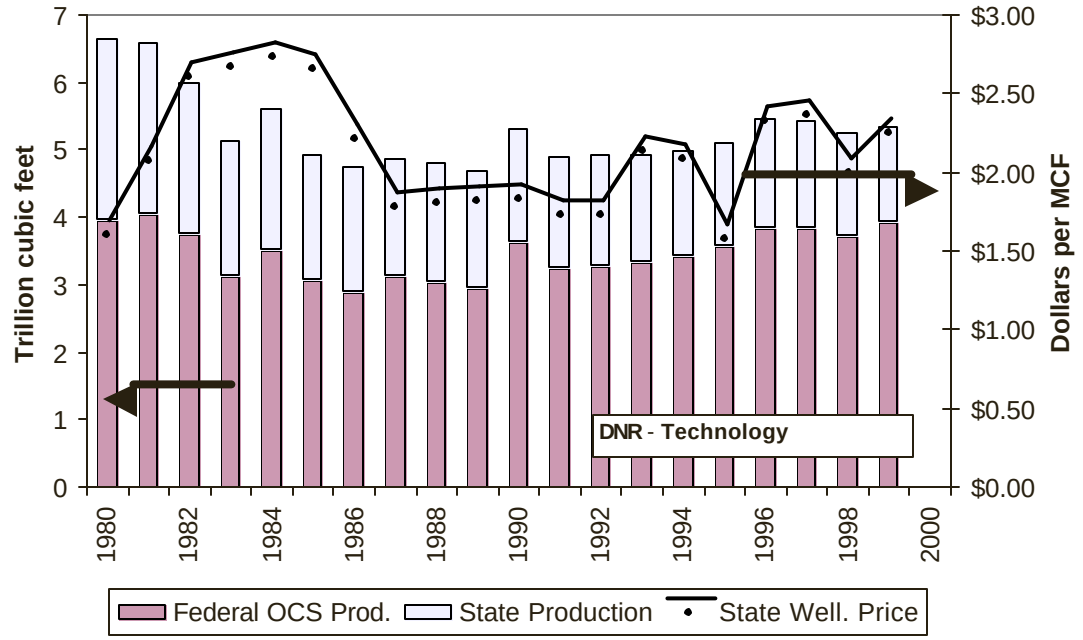


Table 16

UNITED STATES NATURAL GAS AND CASINGHEAD GAS PRODUCTION[3]

(Billion Cubic Feet (BCF) at 15.025 psia and 60 degrees Fahrenheit)*

DATE	GROSS	WET AFTER LEASE SEPARATION	MARKETED	DRY	GROSS IMPORTS
1980	21,440	19,907	19,784	19,022	965
1981	21,164	19,660	19,564	18,805	886
1982	19,874	18,309	18,217	17,470	915
1983	18,293	16,646	16,553	15,778	900
1984	19,869	18,051	17,945	17,124	827
1985	19,222	17,024	16,931	16,131	931
1986	18,755	16,623	16,528	15,744	736
1987	19,745	17,212	17,091	16,294	973
1988	20,587	17,706	17,567	16,767	1,268
1989	20,661	17,879	17,740	16,971	1,354
1990	21,100	18,376	18,229	17,460	1,502
1991	21,322	18,336	18,169	17,351	1,738
1992	21,698	18,509	18,344	17,490	2,096
1993	22,279	18,832	18,609	17,740	2,304
1994	23,118	19,547	19,323	18,451	2,572
1995	23,277	19,401	19,123	18,233	2,785
1996	23,579	19,631	19,363	18,424	2,880
1997	23,737	19,734	19,475	18,530	2,935
July	1,963 r	1,653 r	1,633 r	1,555 r	261 r
August	1,984 r	1,665 r	1,645 r	1,567 r	269 r
September	1,837 r	1,517 r	1,497 r	1,425 r	257 r
October	1,986 r	1,638 r	1,618 r	1,540 r	261 r
November	1,916 r	1,579 r	1,560 r	1,485 r	253 r
December	1,949 r	1,603 r	1,583 r	1,508 r	270 r
1998	**24,434** r	**19,489** r	**19,259** r	**18,341** r	**3,090** r
January	2,050	1,682	1,663	1,586 r	302
February	1,845	1,523	1,506	1,436 r	271
March	2,039	1,680	1,660	1,583 r	287
April	1,922	1,597	1,576	1,504 r	275
May	1,959	1,657	1,636	1,562 r	280
June	1,924	1,609	1,588	1,516 r	270
July	1,958	1,637	1,617	1,542 r	283
August	1,936	1,620	1,600	1,526 r	305
September	1,887	1,588	1,567	1,495 r	299
October	1,998	1,634	1,612	1,538 r	300
November	1,939	1,598	1,576	1,504 r	303
December	2,026	1,648	1,625	1,551 r	303
1999	**23,484**	**19,474**	**19,226**	**18,344** r	**3,477**
January	2,001	1,631	1,612	1,537	320
February	1,897	1,541	1,520	1,450	294
March	2,029	1,673	1,649	1,573	301
April	1,895	1,575	1,556	1,484	288
May	1,934	1,633	1,613	1,538	282
June	1,948	1,623	1,602	1,528	290
July	1,972	1,649	1,628	1,554	288
August		1,665	1,645	1,567	303
September		1,608	1,588	1,513	298
October					
November					
December					
2000	**13,677**	**14,598**	**14,412**	**13,744**	**2,665**

e Estimated r Revised

See footnote in Appendix B.

* See Appendix D-5 for corresponding volumes at 14.73 psia.

TABLE 17

LOUISIANA AVERAGE CRUDE OIL PRICES

(Dollars per Barrel)

	SOUTH LOUISIANA SWEET		ALL GRADES AT WELLHEAD			
DATE	Spot Market[10]	Refinery Posted	State[6]	OCS Gulf[6]	Severance Tax[8]	State Royalty
1980	N/A	37.79	19.87	18.87	17.64	17.74
1981	N/A	36.13	35.45	35.07	33.07	35.08
1982	N/A	32.91	32.44	32.61	33.55	32.33
1983	30.63	30.63	30.02	29.77	30.38	28.64
1984	29.64	30.04	29.67	29.36	29.98	29.44
1985	28.42	27.86	27.22	27.33	27.18	27.40
1986	14.72	15.71	15.32	15.27	17.23	15.78
1987	19.38	18.52	17.97	17.54	17.55	17.85
1988	16.13	15.75	15.22	14.71	16.38	14.67
1989	19.75	18.97	18.39	17.83	17.87	17.92
1990	25.11	23.35	23.04	22.40	22.54	22.76
1991	21.36	20.59	20.14	19.41	21.13	19.90
1992	20.75	19.72	19.00	18.35	19.31	19.10
1993	18.56	17.27	16.90	16.15	17.39	16.84
1994	17.22	15.84	15.60	14.75	15.46	15.52
1995	18.60	17.16	17.06	16.17	16.98	17.06
1996	22.32	20.77	20.88	20.03	20.56	21.38
1997	20.69	18.90	19.22	18.63	19.80	19.39
July	13.92	11.76	11.97	11.45	11.71	12.20
August	13.31	11.28	11.59	11.03	11.89	11.89
September	14.94	12.80	13.15	12.31	11.15	13.60
October	14.15	12.09	12.57	12.05	13.08	12.82
November	12.60	10.47	11.03	11.04	15.73	10.49
December	11.27	8.98	9.75	9.48	11.18	9.76
1998	**14.21**	**12.17**	**12.78**	**12.27**	**13.47**	**12.75**
January	12.14	10.05	10.58	9.77	10.15	10.92
February	11.43	9.22	10.04	9.79	10.57	10.75
March	13.97	11.81	12.43	11.70	9.90	12.29
April	16.80	14.54	15.07	13.70	12.07	13.26
May	17.05	15.06	15.83	14.66	16.67	16.28
June	17.31	15.19	16.09	15.43	15.50	15.55
July	19.80	17.55	18.25	16.93	14.09	18.60
August	21.35	19.01	19.89	18.32	17.34	17.45
September	23.75	21.36	22.34	20.61	19.76	23.94
October	22.62	20.28	21.35	20.72	22.06	21.05
November	25.29	22.86	23.80	22.22	21.10	24.17
December	26.51	23.87	24.97	23.63	23.81	15.42
1999	**19.00**	**16.73**	**17.55**	**16.46**	**16.09**	**16.64**
January	27.03	24.64	26.04	24.80	25.14	26.94
February	29.37	27.18	28.37	26.03	25.28	27.15
March	29.24	27.47	28.95	26.66	28.52	25.20
April	25.38	22.92	24.82	24.30	30.79	24.77
May	29.00	26.39	27.26	25.75	25.67	28.03
June	31.62	28.97	29.92	28.64	27.51	28.94
July	29.61	27.43	28.76	28.01	29.13	26.94
August	31.49	29.36			29.24	24.56
September	33.78	31.24			30.00	30.73
October	33.28	31.05				
November						
December						
2000	**28.75**	**26.43**	**27.05**	**25.45**	**27.08**	**26.62**

See footnote in Appendix B.

Figure 9

CRUDE OIL AVERAGE PRICES

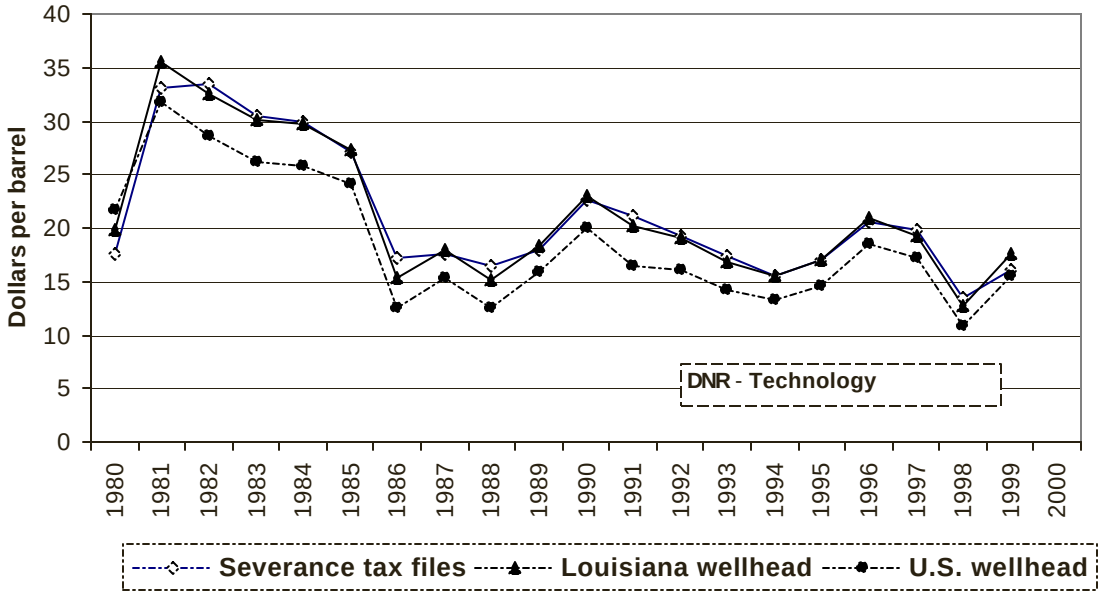


Figure 10

NATURAL GAS AVERAGE PRICES

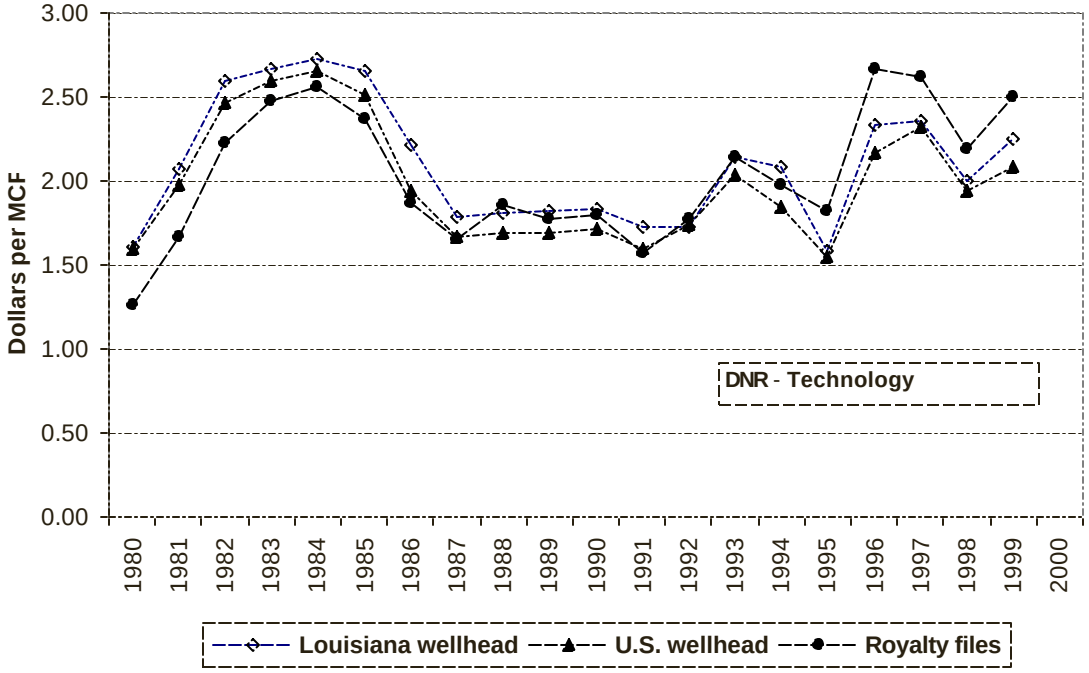


TABLE 18

UNITED STATES AVERAGE CRUDE OIL PRICES[2]

(Dollars per Barrel)

DATE	REFINERY ACQUISITION		DOMESTIC	IMPORTS	IMPORTS	IMPORTS
	Domestic Costs	Imports Costs	WELLHEAD	LANDED	FOB	OPEC FOB
1980	24.23	33.89	21.59	33.67	32.37	32.21
1981	34.33	37.05	31.77	36.47	35.15	35.17
1982	31.32	33.55	28.52	33.18	32.02	33.48
1983	28.87	29.30	26.19	28.93	27.81	28.46
1984	28.53	28.88	25.88	28.54	27.60	27.79
1985	26.66	26.99	24.09	26.67	25.84	25.67
1986	14.82	14.00	12.51	13.49	12.52	12.21
1987	17.76	18.13	15.40	17.65	16.69	16.43
1988	14.74	14.56	12.58	14.08	13.25	13.43
1989	17.87	18.06	15.86	17.68	16.89	17.06
1990	22.59	21.76	20.03	21.13	20.37	20.40
1991	19.33	18.70	16.54	18.02	16.89	16.99
1992	18.63	18.12	16.00	17.75	16.77	16.87
1993	16.66	16.17	14.24	15.72	14.71	14.78
1994	15.67	15.41	13.19	15.18	14.18	14.00
1995	17.33	17.15	14.62	16.78	15.69	15.36
1996	20.78	20.64	18.46	20.31	19.32	18.94
1997	19.61	18.53	17.23	18.11	16.94	16.33
July	12.36 r	11.55 r	10.46	11.41	10.37	9.76
August	12.44 r	11.34	10.18	11.32 r	10.21 r	9.69
September	13.35 r	12.77 r	11.28	12.44 r	11.70 r	11.35 r
October	13.39 r	12.11 r	11.32	11.96 r	10.99 r	10.22
November	12.47 r	10.99	9.65	10.47 r	9.37 r	8.03 r
December	10.48 r	9.39	8.05	9.30	8.18	7.52 r
1998	**13.18** r	**12.04** r	**10.87** r	**11.84** r	**10.76** r	**10.20** r
January	10.96	10.16	8.57	10.18	9.17	8.26
February	10.97	10.22	8.60	10.59	9.34	8.93
March	12.29	12.31	10.76	12.90	11.83	12.04
April	15.05	14.85	12.82	15.05	14.14	13.68
May	16.59	15.57	13.92	15.50	14.43	13.99
June	16.30	15.91	14.39	16.08	15.13	15.11
July	18.10	17.84	16.12	18.13	17.30	16.93
August	19.57	19.56	17.58	19.75	19.10	18.73
September	21.74	21.64	20.03	21.70	21.04	20.29
October	22.39	21.62	19.71	21.78	20.89	20.56
November	23.07	23.14	21.35	23.06	22.46	21.71
December	24.73	24.35	22.55	23.83	22.91	21.86
1999	**17.82**	**17.25**	**15.56**	**17.23**	**16.47**	**15.90**
January	25.79	25.29	23.53	25.60	24.56	24.44
February	27.80	27.39	25.48	27.15	26.54	25.96
March	29.25	27.70	26.19	27.22	25.77	24.30
April	26.07	24.29	23.19	24.47	23.41	23.89
May	26.62	26.35	25.46	26.69	25.95	25.71
June	29.46	28.91	27.88	28.58	27.44	26.80
July	29.95	27.98	26.80	28.05	26.15	25.21
August	30.04	28.86				
September						
October						
November						
December						
2000						

e Estimated r Revised

See footnote in Appendix B.

Table 19

LOUISIANA NATURAL GAS WELLHEAD PRICES

(Dollars/Thousand Cubic Feet)

DATE	MMS OCS[12]	DOE STATE WELLS[3]	DNR STATE ROYALTY	SPOT MARKET[5]		
				Low	High	Average
1980	1.64	1.61	1.27	N/A	N/A	N/A
1981	2.11	2.07	1.67	N/A	N/A	N/A
1982	2.65	2.60	2.22	N/A	N/A	N/A
1983	2.72	2.67	2.48	N/A	N/A	N/A
1984	2.70	2.73	2.56	N/A	N/A	N/A
1985	2.72	2.66	2.37	2.13	3.07	2.61
1986	2.26	2.21	1.87	1.46	2.34	1.76
1987	1.82	1.78	1.65	1.40	1.82	1.55
1988	1.84	1.81	1.86	1.40	2.29	1.79
1989	1.86	1.82	1.77	1.40	2.29	1.76
1990	1.87	1.83	1.79	1.35	2.60	1.77
1991	1.77	1.73	1.57	1.09	2.03	1.50
1992	1.77	1.73	1.77	0.99	2.81	1.80
1993	2.18	2.14	2.14	1.61	2.76	2.15
1994	2.10	2.08	1.98	1.40	2.44	1.91
1995	1.61	1.58	1.82	1.35	2.34	1.65
1996	2.37	2.33	2.67	1.77	4.00	2.60
1997	2.63	2.36	2.62	1.72	4.42	2.60
July			2.50	2.34	2.44	2.41
August			1.99	1.92	1.98	1.95
September			1.65	1.56	1.72	1.63
October			2.26	2.03	2.08	2.06
November			2.17	1.98	2.08	2.05
December			2.27	2.08	2.18	2.15
1998	**2.36**	**2.00**	**2.19**	**1.56**	**2.44**	**2.14**
January			1.93	1.77	1.87	1.80
February			3.17	1.77	1.87	1.82
March			1.82	1.61	1.72	1.66
April			1.99	1.87	1.98	1.91
May			2.39	2.29	2.44	2.39
June			2.29	2.24	2.34	2.30
July			2.49	2.29	2.39	2.33
August			2.83	2.65	2.70	2.67
September			3.06	2.86	3.02	2.95
October			2.71	2.55	2.65	2.60
November			3.07	3.02	3.12	3.09
December			2.29	2.13	2.24	2.18
1999	**2.18**	**2.19**	**2.50**	**2.25**	**2.36**	**2.31**
January			2.48	2.34	2.44	2.41
February			2.75	2.65	2.76	2.69
March			2.75	2.60	2.70	2.66
April			5.08	2.86	3.02	2.93
May			3.38	3.12	3.17	3.16
June			4.94	4.47	4.52	4.50
July			4.54	4.42	4.52	4.48
August			4.08	3.85	4.00	3.92
September			4.11	4.68	4.78	4.74
October				5.36	5.46	5.42
November				4.58	4.68	4.65
December						
2000			**3.79**	**3.72**	**3.82**	**3.78**

See footnote in Appendix B.

Table 20

LOUISIANA AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMER[3]

(Dollars/Thousand Cubic Feet)

DATE	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	UTILITY
1980	1.85 e	3.40	2.69	1.28	2.09
1981	2.38 e	4.15	3.69	1.88	2.82
1982	3.38 e	5.32	4.93	3.16	3.23
1983	3.59 e	6.12	5.71	3.13	3.30
1984	3.78	5.96	5.54	3.18	3.18
1985	3.55	5.67	5.28	3.03	2.86
1986	2.95	5.77	5.25	1.91	1.94
1987	2.38	5.56	4.97	1.80	1.67
1988	2.93	5.74	5.14	1.99	1.70
1989	3.01	5.97	5.19	1.97	1.78
1990	2.97	6.09	5.26	2.00	1.73
1991	2.56	5.77	4.90	1.74	1.59
1992	2.48	5.60	4.79	1.93	1.91
1993	2.72	6.09	5.33	2.30	2.49
1994	2.54	6.24	5.42	2.17	2.17
1995	2.21	6.01	5.14	1.82	1.88
1996	3.13	6.76	6.08	2.84	2.94
1997	2.94	7.60	6.12	2.86	2.80
July	2.45	8.72	5.81	2.54 r	2.59
August	2.05	8.71	5.64	2.19 r	2.17
September	2.01	8.78	5.79	2.04 r	2.12
October	2.13	8.90	6.07	2.30 r	2.25
November	2.20	7.81	6.15	2.35 r	2.32
December	2.48	6.89	6.02	1.65 r	2.16
1998	**2.33 r**	**6.68 r**	**5.64 r**	**2.31 r**	**2.37 r**
January	2.18	5.42	5.25	2.12	2.13
February	2.19	5.86	5.22	1.95	2.09
March	2.16	5.98	5.29	1.88	2.01
April	2.14	6.19	5.24	2.37	2.25
May	2.41	7.58	5.56	2.24	2.58
June	2.27	8.03	5.56	2.40	2.52
July	2.24	8.55	5.79	2.53	2.55
August	2.46	9.37	6.23	2.76	2.91
September	3.34	9.59	6.45	3.02	3.07
October	3.16	9.11	6.22	2.83	2.87
November	3.84	8.44	6.68	3.04	3.09
December	2.71	7.30	6.10	2.90	2.49
1999	**2.59**	**7.62**	**5.80**	**2.50**	**2.55**
January	2.96	5.92	5.46	2.77	2.71
February	3.30	6.13	5.67	2.92	2.96
March	3.39	6.99	5.94	2.94	2.97
April	3.85	6.81	5.61	3.15	3.22
May	3.68	8.46	6.29	3.27	3.62
June	4.84	10.68	8.70	4.41	
July					
August					
September					
October					
November					
December					
2000	**3.60**	**6.75**	**6.07**	**3.23**	**3.14**

e Estimated r Revised

See footnote in Appendix B.

Table 21

UNITED STATES AVERAGE NATURAL GAS PRICES

(Dollars/Thousand Cubic Feet)

DATE	WELLHEAD[3]	SPOT MARKET[5]	FOREIGN IMPORTS[3]	CITY GATES[3]	DELIVERED TO RESIDENTIAL[3]
1980	1.59	N/A	4.42	2.41	3.68
1981	1.98	N/A	4.84	2.89	4.29
1982	2.46	N/A	4.94	3.60	5.17
1983	2.59	N/A	4.51	4.04	6.06
1984	2.66	N/A	4.08	3.89	6.12
1985	2.51	2.49	3.19	3.75	6.12
1986	1.94	1.68	2.53	3.22	5.83
1987	1.67	1.48	2.17	2.87	5.54
1988	1.69	1.69	2.00	2.92	5.47
1989	1.69	1.64	2.04	3.01	5.64
1990	1.71	1.67	1.94	3.03	5.80
1991	1.64	1.45	1.83	2.90	5.82
1992	1.74	1.75	1.85	3.01	5.89
1993	2.04	2.10	2.03	3.21	6.16
1994	1.85	1.84	1.87	3.07	6.41
1995	1.55	1.56	1.49	2.78	6.06
1996	2.17	2.39	1.97	3.34	6.34
1997	2.32	2.54	2.15	3.66 r	6.94 r
July	2.08	2.35	1.97 r	3.31 r	8.53 r
August	1.81 r	1.96	1.82 r	3.01 r	9.25 r
September	1.69 r	1.64	1.68 r	2.78 r	8.96 r
October	1.85 r	2.02	1.93 r	2.99 r	7.60 r
November	1.93 r	2.05	2.12 r	2.99 r	6.58 r
December	1.94 r	2.14	2.16 r	3.10 r	6.34 r
1998	**1.94** r	**2.11**	**1.97** r	**3.07** r	**6.82** r
January	1.80	1.82	2.03	2.84	5.99
February	1.73	1.81	1.93	2.94	6.24
March	1.70	1.64	1.80	2.67	6.01
April	1.93	1.89	1.85	2.91	6.32
May	2.10	2.33	2.17	3.25	7.11
June	2.09	2.24	2.13	3.18	7.96
July	2.07	2.29	2.18	3.11	8.54
August	2.34	2.62	2.39	3.37	9.86
September	2.42	2.90	2.63	3.50	8.45
October	2.31	2.56	2.50	3.50	7.50
November	2.44	3.08	2.85	3.75	7.09
December	2.03	2.17	2.34	3.22	6.45
1999	**2.08**	**2.28**	**2.24**	**3.19**	**7.29**
January	2.12	2.37	2.44	3.30	6.30
February	2.30	2.64	2.59	3.49	6.45
March	2.36	2.62	2.62	3.54	6.82
April	2.55	3.03	2.85	3.66	7.05
May	2.76	3.11	3.06	3.88	7.94
June	3.58	4.44	3.87	4.93	9.05
July	3.49	4.43			
August	3.41	3.88			
September		4.66			
October		5.35			
November		4.63			
December					
2000	**2.82**	**3.74**	**2.91**	**3.80**	**7.27**

e Estimated r Revised

See footnote in Appendix B.

Table 22

LOUISIANA STATE OIL AND GAS DRILLING PERMITS ISSUED BY TYPE

Excluding OCS

DATE	DEVELOPMENTAL	+ WILDCATS	= TOTAL	= OFFSHORE	+ ONSHORE
1980	5,344	893	6,237	N/A	N/A
1981	5,195	1,086	6,281	N/A	N/A
1982	4,454	727	5,181	N/A	N/A
1983	4,852	642	5,494	201	5,293
1984	6,929	702	7,631	231	7,400
1985	4,811	599	5,410	165	5,245
1986	1,984	298	2,282	84	2,198
1987	2,148	284	2,432	73	2,359
1988	1,601	249	1,850	94	1,756
1989	1,486	204	1,690	75	1,615
1990	1,526	181	1,707	85	1,622
1991	1,209	100	1,309	77	1,232
1992	1,044	92	1,136	59	1,077
1993	1,040	109	1,149	76	1,073
1994	1,015	98	1,113	74	1,039
1995	979	86	1,065	68	997
1996	1,248	133	1,381	121	1,260
1997	1,424	138	1,562	85	1,477
July	90	9	99	10	89
August	147	11	158	8	150
September	98	3	101	9	92
October	83	12	95	5	90
November	55	10	65	6	59
December	68	13	81	7	74
1998	**1,171**	**115**	**1,286**	**96**	**1,190**
January	58	6	64	9	55
February	47	7	54	6	48
March	59	5	64	3	61
April	76	2	78	8	70
May	62	9	71	6	65
June	74	11	85	9	76
July	71	14	85	8	77
August	72	11	83	8	75
September	91	4	95	9	86
October	98	18	116	4	112
November	86	12	98	7	91
December	114	10	124	2	122
1999	**76**	**109**	**1,017**	**79**	**938**
January	69	3	72	9	63
February	79	13	92	10	82
March	99	6	105	8	97
April	69	6	75	11	64
May	105	7	112	19	93
June	147	7	154	6	148
July	113	5	118	11	107
August	153	16	169	25	144
September	127	6	133	13	120
October					
November					
December					
2000	**961**	**69**	**1,030**	**112**	**918**

Figure 11

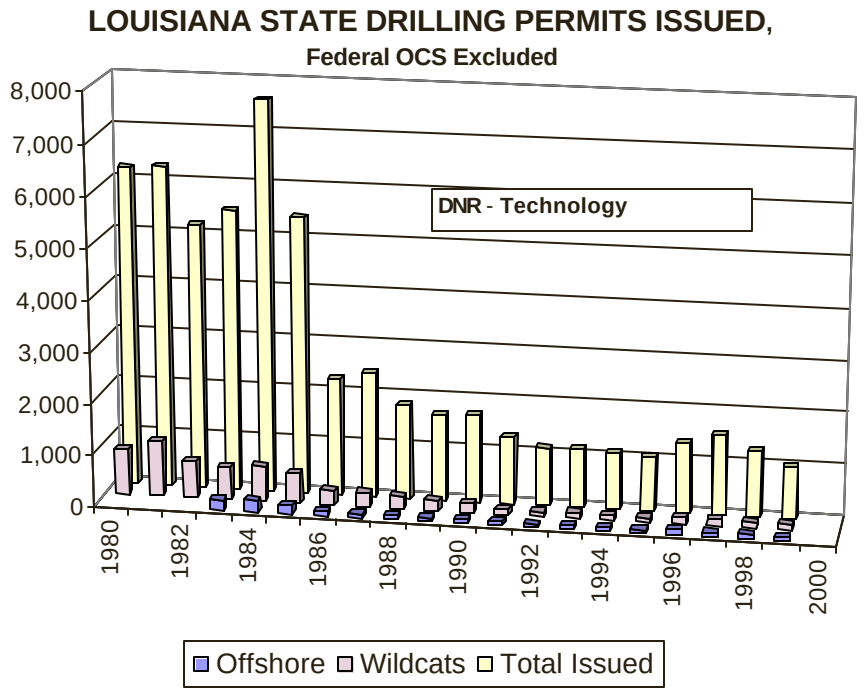


Figure 12

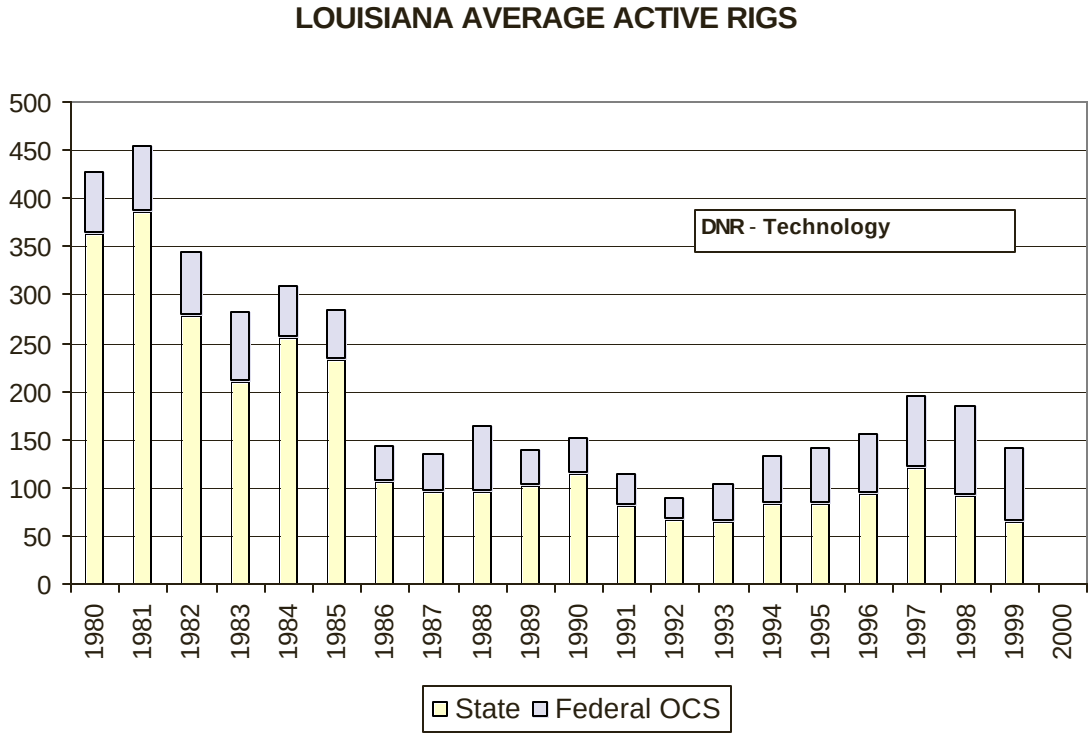


Table 23

LOUISIANA AVERAGE RIGS RUNNING

DATE	NORTH[4]	SOUTH INLAND		OFFSHORE			TOTAL
		Water[4]	Land[4]	State	O C S	(State+OCS)[4]	RIGS[4]
1980	55	77	156	76	63	139	427
1981	58	83	160	85	69	154	455
1982	40	60	108	69	67	136	344
1983	29	47	82	51	73	124	283
1984	30	51	96	78	54	132	310
1985	25	44	86	78	52	130	283
1986	12	20	42	31	38	69	143
1987	11	23	36	26	39	65	135
1988	14	27	35	20	68	88	163
1989	16	17	35	34	38	72	140
1990	19	20	36	40	36	76	151
1991	11	16	31	23	34	57	115
1992	9	13	27	16	23	39	88
1993	11	12	22	19	40	59	104
1994	14	16	25	29	48	78	132
1995	16	15	28	23	58	82	141
1996	19	19	31	25	63	88	156
1997	21	23	48	28	74	102	194
July	21	21	38	12	93	105	185
August	21	20	32	16	83	99	171
September	20	18	26	23	75	97	161
October	17	18	29	14	77	91	156
November	19	16	28	14	78	92	155
December	17	18	24	15	74	89	147
1998	**19**	**21**	**38**	**14**	**92**	**106**	**184**
January	15	17	24	12	76	88	144
February	15	15	20	12	72	84	135
March	16	11	19	14	75	88	134
April	12	11	16	17	69	86	125
May	12	14	15	15	76	91	132
June	15	21	14	12	80	90	140
July	15	17	15	13	75	87	134
August	16	16	16	14	73	87	135
September	15	14	23	13	76	88	140
October	21	16	30	8	73	81	148
November	25	18	25	7	86	93	161
December	19	17	31	10	87	97	164
1999	**16**	**16**	**21**	**12**	**77**	**88**	**141**
January	20	13	33	8	96	104	170
February	19	13	36	7	100	106	174
March	20	13	36	5	102	107	176
April	20	16	37	5	101	106	180
May	18	16	34	9	109	118	186
June	23	16	34	11	103	114	187
July	24	18	35	12	118	130	207
August	23	14	37	11	120	131	205
September	29	15	40	14	110	124	208
October	33	13	42	10	112	122	209
November							
December							
2000	**23**	**15**	**36**	**9**	**107**	**116**	**190**

See footnote in Appendix B.

Table 24

LOUISIANA STATE PRODUCING CRUDE OIL WELLS

Excluding OCS

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	13,981	6,832	1,073	21,885
1981	15,084	6,777	1,105	22,966
1982	15,540	6,608	1,112	23,259
1983	16,299	6,374	1,037	23,710
1984	17,544	6,300	1,038	24,882
1985	18,794	6,223	1,014	26,031
1986	19,346	6,061	1,001	26,408
1987	18,630	5,768	945	25,343
1988	17,953	5,698	964	24,615
1989	16,849	5,474	927	23,250
1990	17,369	5,215	906	23,490
1991	17,731	5,143	868	23,742
1992	17,449	5,155	842	23,446
1993	16,810	5,015	814	22,640
1994	15,904	4,682	805	21,392
1995	15,260	4,451	769	20,479
1996	15,148	4,295	719	20,163
1997	14,573	4,165	619	19,358
July	13,976	3,971	541	18,488
August	13,745	3,748	541	18,034
September	13,688	3,727	533	17,948
October	13,400	3,663	550	17,613
November	13,320 e	3,679 e	555 e	17,554 e
December	13,050 e	3,677 e	558 e	17,285 e
1998	**13,926 e**	**3,899 e**	**548 e**	**18,373 e**
January	13,212 e	3,672 e	556 e	17,440 e
February	12,973 e	3,578 e	557 e	17,108 e
March	13,169 e	3,539 e	549 e	17,257 e
April	13,004 e	3,535 e	557 e	17,096 e
May	13,027 e	3,535 e	556 e	17,118 e
June	12,858 e	3,487 e	553 e	16,898 e
July	12,694 e	3,475 e	547 e	16,716 e
August	12,463 e	3,252 e	547 e	16,262 e
September	12,406 e	3,231 e	539 e	16,176 e
October	12,118 e	3,167 e	556 e	15,841 e
November	12,038 e	3,183 e	561 e	15,782 e
December	11,768 e	3,181 e	564 e	15,513 e
1999	**12,644 e**	**3,403 e**	**554 e**	**16,601 e**
January	11,930 e	3,176 e	562 e	15,668 e
February	11,691 e	3,082 e	563 e	15,336 e
March	11,887 e	3,043 e	555 e	15,485 e
April	11,722 e	3,039 e	563 e	15,324 e
May	11,745 e	3,039 e	562 **e**	15,346 e
June	11,576 e	2,991 e	559 e	15,126 e
July				
August				
September				
October				
November				
December				
2000	**11,759 e**	**3,062 e**	**561 e**	**15,381 e**

e Estimated

Figure 13

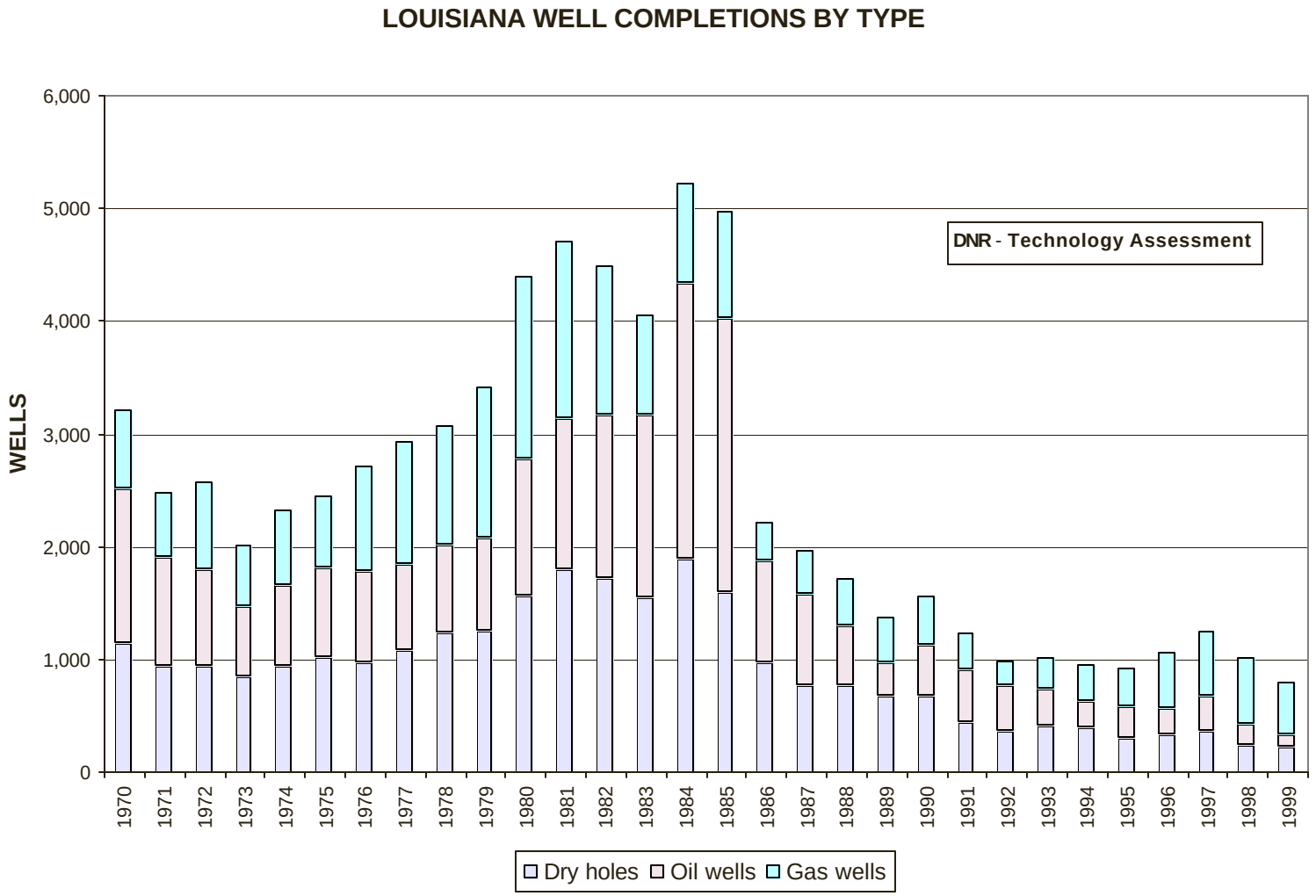

LOUISIANA WELL COMPLETIONS BY TYPE
WELLS
6,000
5,000
4,000
3,000
2,000
1,000
0
DNR - Technology Assessment
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
Dry holes
Oil wells
Gas wells

Table 25

LOUISIANA STATE PRODUCING NATURAL GAS WELLS

Excluding OCS

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	8,360	3,277	551	12,188
1981	9,479	3,226	557	13,262
1982	10,154	3,136	564	13,855
1983	10,502	3,065	549	14,116
1984	10,812	2,955	532	14,299
1985	11,026	2,887	511	14,424
1986	11,049	2,730	436	14,216
1987	10,726	2,635	413	13,774
1988	10,813	2,539	445	13,796
1989	10,861	2,474	501	13,836
1990	10,802	2,407	512	13,721
1991	10,702	2,261	496	13,459
1992	10,498	2,149	496	13,143
1993	10,506	2,192	490	13,189
1994	10,596	2,260	473	13,329
1995	10,452	2,200	335	12,987
1996	10,376	2,148	274	12,799
1997	10,446	2,149	449	12,893
July	10,703	1,953	241	12,897
August	10,570	1,981	245	12,796
September	10,639	1,916	246	12,801
October	10,553	1,900	217	12,670
November	10,409 e	1,926 e	223 e	12,558 e
December	10,575 e	1,942 e	224 e	12,741 e
1998	**10,580 e**	**1,968 e**	**250 e**	**12,798 e**
January	10,542 e	1,911 e	226 e	12,679 e
February	10,658 e	1,797 e	198 e	12,653 e
March	10,587 e	1,790 e	199 e	12,576 e
April	10,549 e	1,727 e	181 e	12,457 e
May	10,669 e	1,720 e	182 e	12,571 e
June	10,623 e	1,708 e	182 e	12,513 e
July	10,722 e	1,729 e	168 e	12,619 e
August	10,589 e	1,757 e	172 e	12,518 e
September	10,658 e	1,692 e	173 e	12,523 e
October	10,572 e	1,676 e	144 e	12,392 e
November	10,428 e	1,702 e	150 e	12,280 e
December	10,594 e	1,718 e	151 e	12,463 e
1999	**10,599 e**	**1,744 e**	**177 e**	**12,520 e**
January	10,561 e	1,687 e	153 e	12,401 e
February	10,677 e	1,573 e	125 e	12,375 e
March	10,606 e	1,566 e	126 e	12,298 e
April	10,568 e	1,503 e	108 e	12,179 e
May	10,688 e	1,496 e	109 e	12,293 e
June	10,642 e	1,484 e	109 e	12,235 e
July				
August				
September				
October				
November				
December				
2000	**10,624 e**	**1,552 e**	**122 e**	**12,297 e**

e Estimated

Table 26

LOUISIANA STATE WELL COMPLETION BY TYPE AND BY REGION

Excluding OCS

	YEAR	OFFSHORE	SOUTH	NORTH	TOTAL
	1984	89	440	1,926	2,455
	1985	27	448	1,965	2,440
	1986	24	241	640	905
	1987	21	348	434	803
C	1988	11	211	312	534
R O	1989	7	126	170	303
U I	1990	9	164	288	461
D L	1991	22	178	266	466
E	1992	19	163	222	404
	1993	24	136	173	333
	1994	13	103	117	233
	1995	31	100	137	268
	1996	34	67	122	223
	1997	39	168	106	313
	1998	24 e	100 e	64 e	188
	1999	4 e	35 e	60 e	99
	1984	28	240	628	896
	1985	28	240	678	946
	1986	9	145	198	352
	1987	5	124	264	393
N	1988	11	149	258	418
A	1989	17	132	254	403
T G	1990	11	157	258	426
U A	1991	9	126	192	327
R S	1992	8	111	113	232
A	1993	6	89	176	271
L	1994	9	141	180	330
	1995	8	126	216	350
	1996	22	154	325	501
	1997	22	160	383	565
	1998	23 e	170 e	407 e	600
	1999	17 e	169 e	287 e	473
	1984	41	734	1,106	1,881
	1985	37	571	974	1,582
	1986	17	442	503	962
	1987	14	302	435	766
	1988	17	325	418	760
D H	1989	13	281	373	667
R O	1990	15	283	366	664
Y L	1991	11	205	228	444
E	1992	5	158	190	353
	1993	4	168	234	406
	1994	12	141	236	389
	1995	8	138	155	301
	1996	12	151	170	333
	1997	9	165	188	362
	1998	7 e	104 e	121 e	232 e
	1999	8 e	80 e	135 e	223 e

e Estimated

Table 27

LOUISIANA STATE MINERAL BONUSES, RENTALS AND ROYALTY OVERRIDE REVENUES, Excluding OCS

(Million Dollars)

DATE	BONUSES	OVERRIDE ROYALTY	RENTALS	TOTAL
1980	140.29	0.51	31.55	172.36
1981	150.70	0.81	49.31	200.82
1982	61.23	0.70	53.66	115.60
1983	53.03	0.67	27.73	81.43
1984	67.98	0.80	21.21	89.99
1985	32.08	0.90	20.86	53.84
1986	15.89	0.50	12.25	28.64
1987	26.82	0.39	6.70	33.90
1988	17.65	0.29	9.28	27.22
1989	11.59	0.29	8.34	20.21
1990	19.02	0.32	6.76	26.10
1991	9.82	0.32	8.71	18.85
1992	4.26	0.32	6.97	11.55
1993	13.29	0.20	4.20	17.68
1994	15.31	0.19	6.15	21.65
1995	31.96	0.69	9.47	42.12
1996	39.63	-0.27	18.40	57.76
1997	38.27	0.84	25.00	64.11
July	4.23	0.02	2.68	6.93
August	3.50	0.08	2.13	5.71
September	0.94	0.01	1.26	2.21
October	2.49	0.02	0.67	3.17
November	1.39	0.01	2.34	3.74
December	0.00	0.01	1.73	1.75
1998	**42.27**	**0.69**	**25.86**	**68.82**
January	1.98	0.01	1.45	3.44
February	1.03	0.01	1.10	2.14
March	1.21	0.01	0.74	1.96
April	1.14	0.01	4.78	5.93
May	Due to computer system upgrade May data was combined with June data.			
June	1.17	0.03	4.87	6.07
July	1.11	0.06	1.02	2.19
August	2.75	0.03	3.04	5.82
September	1.16	0.06	0.77	1.99
October	0.70	0.10	0.80	1.60
November	0.79	0.09	1.11	2.00
December	1.14	0.04	0.59	1.77
1999	**14.17**	**0.45**	**20.27**	**34.89**
January	1.25	0.07	0.89	2.22
February	0.33	0.31	1.39	2.03
March	2.85	0.10	0.84	3.79
April	0.47	0.11	1.57	2.15
May	0.57	-0.09	0.99	1.47
June	2.50	0.27	2.35	5.12
July	1.93	0.10	1.13	3.15
August	1.44	0.02	1.84	3.30
September	1.26	0.06	0.64	1.96
October	1.84	0.06	1.08	2.98
November				
December				
2000	**14.44**	**1.01**	**12.72**	**28.17**

r Revised

Table 28

LOUISIANA STATE MINERAL ROYALTY REVENUE

Excluding OCS
(Million Dollars)

DATE	OIL	GAS	PLANT LIQUIDS	OTHERS	TOTAL
1980	158.27	131.95	17.05	3.34	310.61
1981	291.90	160.24	18.20	3.28	473.62
1982	248.44	204.25	14.35	1.82	468.86
1983	224.62	211.84	13.00	1.83	451.29
1984	226.64	210.99	13.06	2.29	452.98
1985	201.14	174.45	9.55	2.62	387.76
1986	122.22	154.83	6.34	1.96	285.34
1987	125.72	120.54	4.90	1.60	252.76
1988	98.55	124.06	4.39	1.35	228.35
1989	112.30	116.18	3.92	1.42	233.82
1990	135.44	113.14	3.80	0.90	253.28
1991	120.49	91.43	4.08	0.34	216.34
1992	113.29	97.07	4.69	0.00	215.04
1993	99.20	125.01	4.53	0.00	228.74
1994	85.72	102.95	4.05	0.00	192.72
1995	95.12	97.95	4.59	0.00	197.66
1996	122.55	156.49	6.65	0.00	273.69
1997	110.61	153.59	5.87	0.00	270.07
July	5.93 r	12.12 r	0.14 r	0.00	18.18 r
August	5.55 r	9.35 r	0.19 r	0.00	15.09 r
September	4.62 r	5.73 r	0.11 r	0.00	10.45 r
October	5.15 r	9.09 r	0.15 r	0.00	14.39 r
November	4.36 r	8.72 r	0.18 r	0.00	13.26 r
December	5.58 r	9.11 r	0.12 r	0.00	14.81 r
1998	**69.08 r**	**119.22 r**	**2.48 r**	**0.00**	**190.78 r**
January	5.21	7.72	0.11	0.00	13.05
February	3.95	7.47	0.11	0.00	11.53
March	5.28	6.74	0.12	0.00	12.14
April	6.02	7.39	0.16	0.00	13.56
May	6.50	9.33	0.15	0.00	15.98
June	6.26	9.18	0.16	0.00	15.61
July	7.48	10.47	0.17	0.00	18.12
August	7.97	9.86	0.17	0.00	18.00
September	7.57	12.07	0.17	0.00	19.81
October	8.73	11.02	0.30	0.00	20.04
November	9.13	12.47	0.20	0.00	21.80
December	10.34	9.48	0.29	0.00	20.11
1999	**84.43**	**113.21**	**2.11**	**0.00**	**199.75**
January	10.39	10.31	0.21	0.00	20.91
February	10.53	10.51	0.34	0.00	21.38
March	11.53	11.34	0.37	0.00	23.24
April	9.47	12.07	0.40	0.00	21.94
May	11.05	13.99	0.20	0.00	25.24
June	11.67	15.29	0.25	0.00	27.21
July	11.30	14.62	0.22	0.00	26.14
August	11.67	11.75	0.16	0.00	23.58
September					
October					
November					
December					
2000	**87.61**	**99.88**	**2.15**	**0.00**	**189.64**

r Revised

Table 29

LOUISIANA STATE MINERAL SEVERANCE TAX REVENUE[8]

Excluding OCS
(Million Dollars)

DATE	OIL	GAS	OTHER MINERALS	SEVERANCE TOTAL
1980	427.68	161.87	N/A	589.55
1981	815.38	164.07	N/A	979.44
1982	766.49	147.53	N/A	914.02
1983	662.00	131.52	2.45	795.98
1984	652.39	130.99	3.62	787.00
1985	598.67	120.96	3.73	723.37
1986	389.87	125.14	3.42	518.42
1987	345.18	111.84	2.99	460.01
1988	296.45	106.29	2.65	405.39
1989	312.99	108.84	2.43	424.26
1990	373.21	124.61	2.75	500.58
1991	367.13	146.83	1.97	515.93
1992	326.07	126.24	1.63	453.94
1993	283.68	107.32	1.76	392.76
1994	229.40	114.58	2.02	346.00
1995	233.37	114.58	1.85	349.80
1996	270.36	98.60	1.88	370.84
1997	257.13	118.27	1.85	377.25
July	11.65	11.03	0.15	22.83
August	11.13	10.13	0.12	21.37
September	11.19	10.18	0.13	21.49
October	10.40	9.83	0.13	20.36
November	10.08	7.59	0.10	17.77
December	9.76	8.31	0.11	18.18
1998	**148.96**	**120.98**	**1.40**	**271.34**
January	9.16	9.04	0.24	18.45
February	9.69	9.50	0.07	19.26
March	8.11	10.81	0.20	19.12
April	10.89	7.77	0.25	18.91
May	12.20	9.53	0.12	21.85
June	13.82	8.26	0.13	22.20
July	13.38	8.93	0.16	22.48
August	17.17	9.37	0.11	26.64
September	18.43	7.04	0.15	25.62
October	19.80	7.49	0.10	27.39
November	19.86	7.38	0.16	27.40
December	18.79	7.35	0.13	26.27
1999	**171.29**	**102.48**	**1.82**	**275.60**
January	23.00	8.28	0.10	31.38
February	31.69	8.20	0.11	40.00
March	24.86	7.96	0.17	32.98
April	24.64	6.38	0.08	31.10
May	24.43	8.10	0.11	32.65
June	31.55	7.71	0.17	39.43
July	42.16	8.73	0.10	50.99
August	27.48	8.68	0.12	36.28
September	28.06	8.91	0.14	37.11
October				
November				
December				
2000	**257.87**	**72.95**	**1.11**	**331.92**

See footnote in Appendix B.

Table 30

STATE SECTION 8(g) REVENUE FROM LOUISIANA'S OCS[13]

(Dollars)

YEAR	RENTALS	BONUSES	ROYALTIES	8G ESCROW	SETTLE-MENT	TOTAL
1986	610,567	1,912,734	66,176,203			68,699,504
1987	148,578	3,150,519	11,043,115	572,000,000	2,520,000	588,862,212
1988	153,561	5,528,006	8,708,079		2,520,000	16,909,646
1989	175,817	2,890,298	7,163,105		2,520,000	12,749,220
1990	430,198	5,570,375	6,239,368		2,520,000	14,759,941
1991	303,824	2,220,094	8,461,261		2,520,000	13,505,179
1992	258,787	1,189,989	6,405,279		5,880,000	13,734,055
1993	235,250	965,504	7,373,550		5,880,000	14,454,304
1994	1,016,932	1,913,682	11,780,932		5,880,000	20,591,546
1995	255,213	890,002	8,012,718		5,880,000	15,037,933
1996	292,445	4,666,400	12,283,395		5,880,000	23,122,240
1997	686,051	5,689,689	11,855,454		8,400,000	26,631,194
1998	412,229	1,744,928	9,621,860		8,400,000	20,179,017
1999	357,379	241,659	6,284,879		8,400,000	15,283,917
2000	N/A	N/A	N/A		8,400,000	N/A
2001	N/A	N/A	N/A		8,400,000	N/A

N/A Not Available

See footnotes on Appendix B

Royalty revenues from Federal offshore leases on the Outer Continental Shelf (OCS) are distributed to the Land and Water. Conservation Fund, the Historic Preservation Fund, and the General Fund of the U.S. Treasury. Transfers are made in each fiscal year from OCS royalties, rentals and bonuses in order to maintain the Land and Water Conservation Fund's annual authorization of $900 million. Annually, $150 million is put into the Historic Preservation Fund. The balance of offshore revenue receipts is directed to the General Fund of the U.S. Treasury.

Section 8(g) of the Outer Continental Shelf Lands Act Amendments of 1978 provided that the states were to receive a "fair and equitable" division of revenues generated from the leasing of lands within 3 miles of the seaward boundary of a coastal state that contains one or more oil and gas pools or fields underlying both the OCS and lands subject to the jurisdiction of the state. The states and the federal government, however, were unable to reach agreement concerning the meaning of the term "fair and equitable". Revenues generated in the 3-mile boundary zone were subsequently placed into an escrow fund in August 1979.

Congress resolved the dispute over the meaning of "fair and equitable" in the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. The law provided for the following distribution of revenues to the states under section 8(g):

Before 1986: Louisiana did not receive any shared revenue from OCS production prior to 1986.

1986: Louisiana received a payment of $68.7 million from royalties, rentals and bonuses collected in 1986 and prior years.

1998-2000: In 1987 Louisiana received an initial settlement payment of $572 million from the escrow funds. A series of annual settlement payments have been disbursed to the states over a 15-year period along with an annual disbursement of 27 percent of royalty, rental, and bonus revenues received within each affected state's 8(g) zone. The annual settlement payments are: From 1987 through 1991, Louisiana received an annual settlement payment of $2.52 million per year. From 1992 through 1996, the state received an annual settlement payment of $5.88 million per year. Beginning in 1997 until the last payment in 2001, Louisiana will receive an annual settlement payment of approximately $8.40 million per year.

2002 and After: No further settlement payments; states receive only a recurring annual disbursement of 27 percent of royalty, rental, and bonus revenues received within each affected state's 8(g) zone. Louisiana will receive an annual disbursement of 27 percent of royalty, rental, and bonus revenues received within Louisiana's affected 8(g) zone.

TABLE 31

LOUISIANA STATE TOTAL MINERAL REVENUE

(Dollars)

YEAR	FEDERAL OCS (8g)	FEDERAL ONSHORE	STATE BOUNDARIES	TOTAL
1980	0	355,000	1,072,513,958	1,072,868,958
1981	0	612,000	1,653,883,820	1,654,495,820
1982	0	617,000	1,498,482,501	1,499,099,501
1983	0	637,000	1,328,700,057	1,329,337,057
1984	0	905,000	1,329,965,030	1,330,870,030
1985	0	795,000	1,164,969,360	1,165,764,360
1986	68,699,504	555,000	832,406,385	901,660,889
1987	588,862,212	517,000	746,675,897	1,336,055,109
1988	16,909,646	545,000	660,959,699	678,414,345
1989	12,749,220	452,000	678,301,987	691,503,207
1990	14,759,941	542,000	779,963,703	795,265,644
1991	13,505,179	328,000	751,117,246	764,950,425
1992	13,734,055	376,000	680,527,788	694,637,843
1993	14,454,304	782,000	639,175,728	654,412,032
1994	20,591,546	532,000	560,371,998	581,495,544
1995	15,037,933	728,000	589,581,584	605,347,517
1996	23,122,240	943,209	702,289,659	726,355,108
1997	26,631,194	817,329	711,432,048	738,880,571
1998	20,179,017	996,000	529,346,674	550,521,691
1999	15,283,917	1,276,465	510,233,583	526,793,965

See footnote in Appendix B.

Federal OCS: See table 30.

Federal Onshore: Revenue distributed to the state under section 35 of the Mineral Leasing Act (MLA). MLA provides to the state 50% of mineral revenue from federal lands located within the state boundaries. Revenues came from royalties, rents and bonuses.

State Boundaries: Revenue from mineral production such as bonuses, override royalties, rents, royalties and severance taxes within state lands.

Table 32

FEDERAL REVENUE FROM LOUISIANA OCS OIL AND GAS LEASES

(Dollars)

YEAR	BONUS[12] PAYMENTS	RENTAL[12] PAYMENTS	MINIMUM[12] ROYALTIES	PRODUCTION[12] ROYALTIES	TOTAL[a] COLLECTION
1960	246,909,784	2,422,790	299,695	36,807,678	286,439,947
1961	0	1,984,441	291,790	46,733,742	49,009,973
1962	488,923,341	7,707,267	497,202	65,253,373	562,381,183
1963	0	7,059,246	632,376	75,347,238	83,038,860
1964	60,340,626	7,040,422	823,439	112,999,967	181,204,454
1965	0	5,909,553	1,021,505	126,121,728	133,052,786
1966	238,958,065	4,736,294	1,327,830	131,253,307	376,275,496
1967	510,079,178	5,500,516	1,888,758	149,096,032	666,564,484
1968	149,868,789	5,275,979	2,140,858	190,907,982	348,193,608
1969	110,945,535	5,584,162	1,922,340	226,504,238	344,956,275
1970	945,064,773	6,243,362	1,692,274	262,709,833	1,215,710,242
1971	96,304,523	5,687,848	1,564,845	324,815,819	428,373,035
1972	2,251,347,556	6,396,291	1,725,573	342,476,302	2,601,945,722
1973	193,031,709	5,272,797	2,005,785	380,509,177	580,819,468
1974	3,528,744,084	8,350,760	1,739,159	535,836,029	4,074,670,032
1975	325,424,688	8,947,571	1,837,253	593,359,397	929,568,909
1976	482,592,035	12,974,770	1,879,704	682,922,971	1,180,369,480
1977	813,991,004	7,740,185	1,248,616	899,016,863	1,721,996,668
1978	1,015,873,944	8,616,027	1,502,963	1,086,517,424	2,112,510,358
1979	2,521,190,635	7,328,999	1,105,865	1,344,995,442	3,874,620,941
1980	2,676,927,673	7,361,904	1,277,987	1,866,737,837	4,552,305,401
1981	3,308,009,881	8,205,515	1,211,959	2,825,271,285	6,142,698,640
1982	1,110,172,751	7,288,316	1,349,850	3,166,294,042	4,285,104,959
1983	3,796,644,766	13,620,158	2,540,294	2,764,348,600	6,577,153,818
1984	1,154,495,009	16,323,567	2,010,462	3,195,995,282	4,368,824,320
1985	830,710,260	33,756,447	2,139,530	2,940,519,737	3,807,125,974
1986	113,731,609	34,110,029	3,199,547	2,006,205,199	2,157,246,384
1987	247,344,486	52,115,828	19,239,027	1,803,208,740	2,121,908,081
1988	388,730,457	35,752,757	8,727,373	1,571,981,500	2,005,192,087
1989	386,710,637	48,498,402	26,261,190	1,618,163,065	2,079,633,294
1990	421,375,632	55,568,777	16,028,740	2,068,487,831	2,561,460,980
1991	276,234,849	59,126,732	15,444,167	1,857,392,914	2,208,198,662
1992	53,716,797	49,087,621	33,533,897	1,848,599,157	1,984,937,472
1993	61,454,861	29,268,366	119,445,091	2,009,644,653	2,219,812,971
1994	256,271,643	30,003,884	141,190,812	1,888,953,102	2,316,419,441
1995	296,254,733	62,526,069	19,803,444	1,764,875,791	2,143,460,037
1996	24,330,068	53,231,380	40,394,227	2,549,759,516	3,154,940,691
1997	1,169,790	55,761,920	65,651,370	2,857,126,443	3,789,383,151
1998	9,207,972	51,518,286	-14,452,431	2,267,502,514	2,313,776,341
1999	1,169,790	40,463,226	49,219,184	2,228,250,265	2,319,102,465

[a] Total collection, including state 8G shares.
See footnote in Appendix B.

Table 33

LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES[9] EXCLUDING LEASE CONDENSATE

As of December 31st of Each Year
(Million Barrels)

YEAR	North	South Onshore	South Offshore	Federal OCS	Total Louisiana	TOTAL US
1980	248	682	1,821	N/A	2,751	29,805
1981	317	642	2,026	N/A	2,985	29,426
1982	240	611	1,677	N/A	2,528	27,858
1983	223	569	1,915	N/A	2,707	27,735
1984	165	585	1,911	N/A	2,661	28,446
1985	196	565	122	1,759	2,642	28,416
1986	160	547	119	1,640	2,466	26,889
1987	175	505	127	1,514	2,321	27,256
1988	154	511	135	1,527	2,327	26,825
1989	123	479	143	1,691	2,436	26,501
1990	120	435	150	1,772	2,477	26,254
1991	127	408	144	1,775	2,454	24,682
1992	125	417	126	1,643	2,311	23,745
1993	108	382	149	1,880	2,519	22,957
1994	108	391	150	1,922	2,571	22,457
1995	108	387	142	2,269	2,906	22,351
1996	128	382	148	2,357	3,015	22,017
1997	136	427	151	2,587	3,301	22,546
1998	101	357	97	2,483	3,038	21,034
1999	108	384	108	2,442	3,042	21,765

NOTE: Federal OCS is included in the south offshore figure from 1980 through 1984.
N/A Not Available
See footnotes on Appendix B

Figure 14

UNITED STATES CRUDE OIL RESERVES
December 31, 1999
Excluding Lease Condensate
(Million Barrels)

STATE	VOLUME
Texas	5,641
Alaska	4,900
California	4,487
Louisiana	3,042
Oklahoma	621
Others	3,074
TOTAL	**21,765**

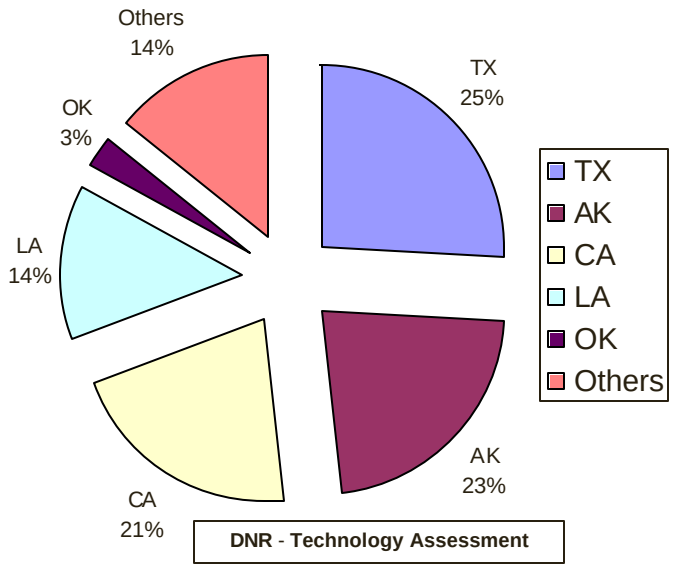


Table 34

LOUISIANA ESTIMATED LEASE CONDENSATE PROVED RESERVES[9]

As of December 31st of Each Year
(Million Barrels)

YEAR	North	South Onshore	South Offshore	Federal OCS	Total Louisiana	TOTAL US
1980	36	267	296	N/A	599	1,530
1981	36	253	280	N/A	569	1,580
1982	26	243	310	N/A	579	1,601
1983	24	238	300	N/A	562	1,613
1984	19	229	269	N/A	517	1,522
1985	18	220	257	N/A	495	1,453
1986	18	208	11	230	467	1,436
1987	17	194	13	223	447	1,402
1988	17	193	13	223	446	1,389
1989	20	196	12	278	506	1,389
1990	20	182	12	258	472	1,302
1991	21	175	9	253	458	1,244
1992	19	151	8	226	404	1,226
1993	19	133	9	235	396	1,192
1994	21	123	9	233	386	1,147
1995	24	136	11	305	476	1,197
1996	24	127	11	422	584	1,307
1997	30 r	134 r	12 r	433 r	609 r	1,341
1998	23	138	16	435	612	1,336
1999	25	134	15	435	609	1,295

NOTE: Federal OCS is included in the south offshore figure from 1980 through 1985.
N/A Not Available
See footnotes on Appendix B

Figure 15

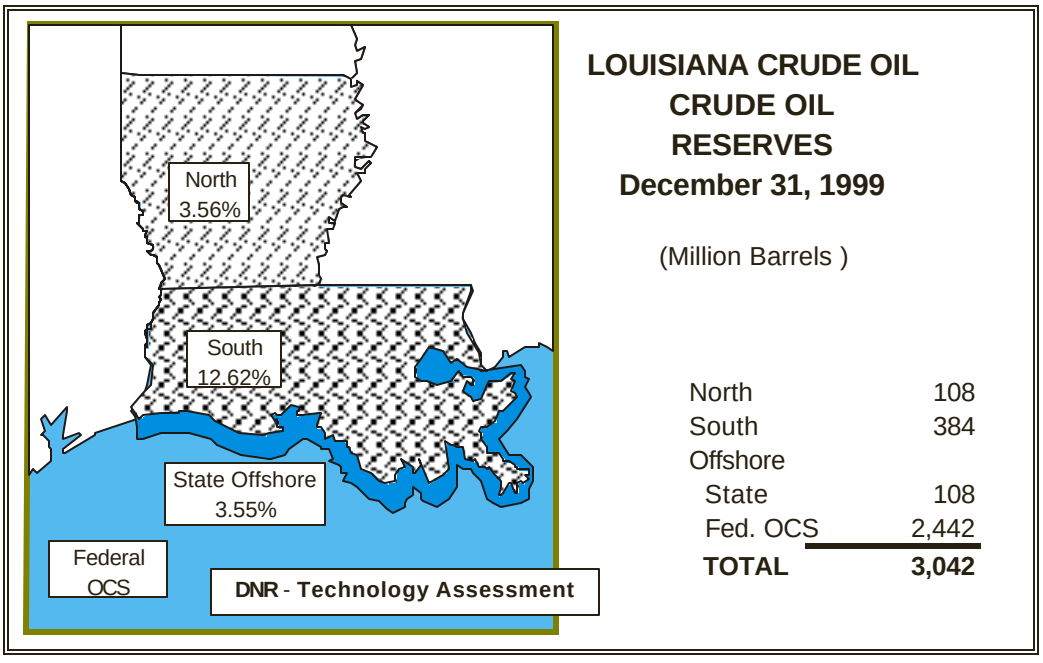


Table 35

LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES[9]

As of December 31st of Each Year

(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)

YEAR	North	South Onshore	South Offshore	Federal OCS	Total Louisiana	TOTAL US
1980	3,076	13,026	31,223	N/A	47,325	199,021
1981	3,270	12,645	31,462	N/A	47,377	201,730
1982	2,919	11,801	30,203 c	N/A	44,923	201,512
1983	2,939	11,142	28,480 c	N/A	42,561 c	200,247
1984	2,494	10,331	28,574 c	N/A	41,399 c	197,463
1985	2,587	9,808	1,643	26,113 c	40,151 c	193,369
1986	2,515	9,103	1,312	25,454 c	38,384 c	191,586
1987	2,306	8,693	1,431	23,260 c	35,690 c	187,211
1988	2,398	8,654	1,172	23,471 c	35,695 c	168,024
1989	2,652	8,645	1,219	24,187 c	36,703 c	167,116
1990	2,588	8,171	969	22,679 c	34,407 c	169,346
1991	2,384	7,504	1,024	21,611 c	32,523 c	167,062
1992	2,311	6,693	776	19,653 c	29,433 c	165,015
1993	2,325	5,932	917	19,383 c	28,557 c	162,415
1994	2,537	6,251	960	20,835 c	30,583 c	163,837
1995	2,788	5,648	838	21,392 c	30,666 c	165,146
1996	3,105	5,704	734	21,856 c	31,399 c	166,474
1997	3,093	5,855	725	21,934 c	31,607 c	167,223
1998	2,898	5,698	551	20,774 c	29,921 c	164,041
1999	3,079	5,535	628	19,598 c	28,840 c	167,406

NOTE: Federal OCS is included in the south offshore figure from 1980 through 1984.

N/A Not Available [C] Includes Federal Offshore Alabama

See footnotes on Appendix B

Figure 16

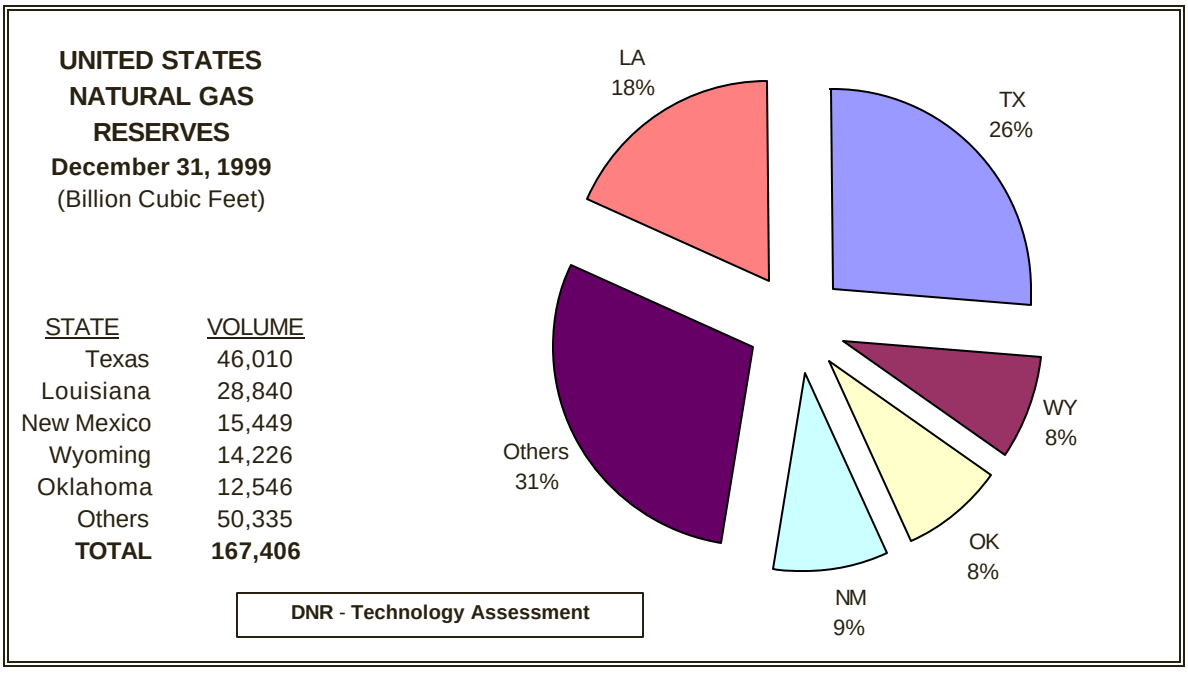


Table 36

LOUISIANA ESTIMATED NATURAL GAS LIQUIDS PROVED RESERVES[9] EXCLUDING LEASE CONDENSATE

As of December 31st of Each Year
(Million Barrels)

YEAR	North	South Onshore	South Offshore	Federal OCS	Total Louisiana	TOTAL US
1980	60	409	356	N/A	825	5,198
1981	59	287	431	N/A	777	5,488
1982	73	301	374	N/A	748	5,620
1983	61	263	409	N/A	733	6,288
1984	55	298	462	N/A	815	6,121
1985	39	234	420	N/A	693	6,491
1986	39	220	28	336	623	6,729
1987	33	235	33	309	610	6,745
1988	39	228	27	289	583	6,849
1989	40	215	39	297	591	6,380
1990	38	249	37	261	585	6,284
1991	38	242	41	292	613	6,222
1992	41	229	47	246	563	6,225
1993	38	201	21	255	515	6,030
1994	48	214	19	267	548	6,023
1995	55	359	16	191	621	6,202
1996	61	284	36	199	580	6,516
1997	50 r	199 r	12 r	352 r	613 r	6,632
1998	34	187	13	341	575	6,188
1999	36	230	19	398	681	6,611

NOTE: Federal OCS is included in the south offshore figure from 1979 through 1985.
N/A Not Available
See footnotes on Appendix B

Figure 17

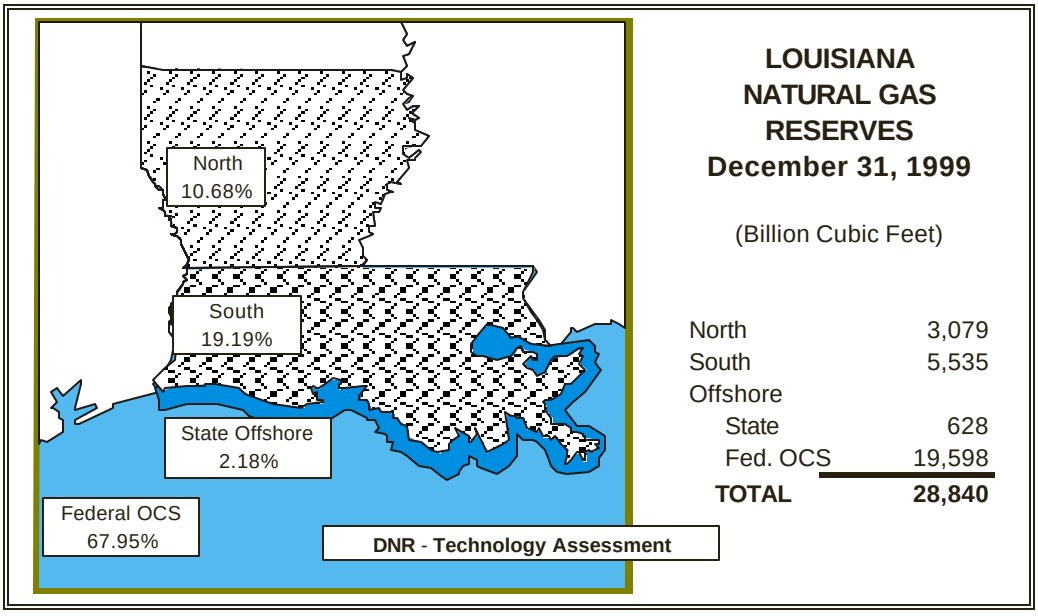


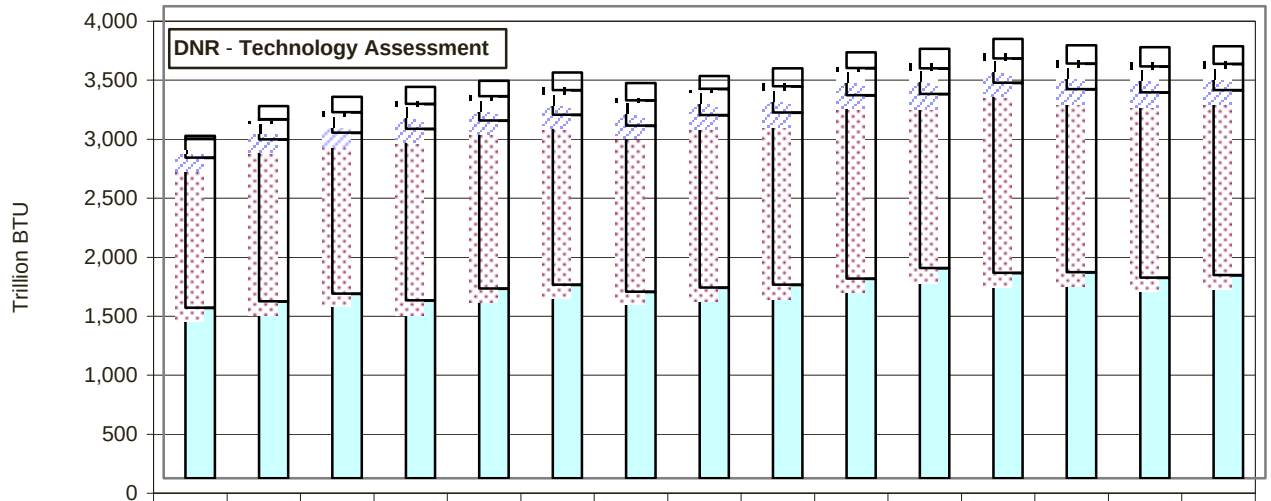
Table 37

LOUISIANA NONAGRICULTURAL EMPLOYMENT[1]

DATE	OIL & GAS PRODUCTION	CHEMICAL INDUSTRY	OIL REFINING	OIL PIPLINE	TOTAL EMPLOYMENT
1980	85,778	33,490	13,287	1,200	1,599,600
1981	94,772	32,711	16,314	1,200	1,627,796
1982	92,225	33,984	13,111	1,033	1,571,017
1983	77,283	30,272	13,140	1,282	1,531,480
1984	78,032	29,104	13,053	1,247	1,568,064
1985	77,781	28,093	12,458	1,144	1,550,443
1986	58,888	25,998	12,233	1,168	1,475,318
1987	52,117	25,345	12,225	1,051	1,438,793
1988	54,565	26,957	11,258	1,039	1,468,508
1989	52,509	27,717	11,321	1,016	1,492,051
1990	54,063	29,083	11,535	1,041	1,546,820
1991	54,412	29,412	12,268	1,073	1,566,779
1992	45,869	30,349	12,543	1,095	1,583,423
1993	44,422	30,419	12,728	1,078	1,613,577
1994	44,885	30,014	13,037	1,014	1,671,087
1995	44,279	30,168	11,603	932	1,721,651
1996	46,885	30,096	11,262	789	1,757,619
1997	51,559	29,935	11,038	792	1,797,225
July	56,732	30,581	10,992	700	1,828,690
August	56,303	30,682	10,986	696	1,830,271
September	54,922	30,742	10,882	699	1,852,095
October	52,314	29,748	10,827	706	1,846,722
November	51,923	29,831	10,766	704	1,848,988
December	51,286	29,791	10,761	734	1,858,885
1998	**54,875**	**30,196**	**10,984**	**702**	**1,837,505**
January	48,053	29,112	11,304	710	1,820,456
February	46,525	29,007	11,345	711	1,826,314
March	45,439	29,036	11,338	705	1,835,975
April	44,570	29,050	11,277	711	1,839,493
May	44,024	29,180	11,376	715	1,846,065
June	43,898	29,243	11,366	702	1,859,044
July	43,756	28,931	11,072	696	1,831,127
August	43,475	28,875	11,054	697	1,835,300
September	43,465	28,770	11,016	701	1,856,952
October	44,033	28,491	10,554	657	1,860,940
November	44,289	28,538	10,498	657	1,866,213
December	44,213	28,544	10,354	656	1,874,432
1999	**44,645**	**28,898**	**11,046**	**693**	**1,846,026**
January	43,253	28,433	10,533	723	1,845,085
February	43,296	28,462	10,470	725	1,854,146
March	43,328	28,541	10,400	735	1,868,797
April					
May					
June					
July					
August					
September					
October					
November					
December					
2000	**43,292**	**28,479**	**10,468**	**728**	**1,856,009**

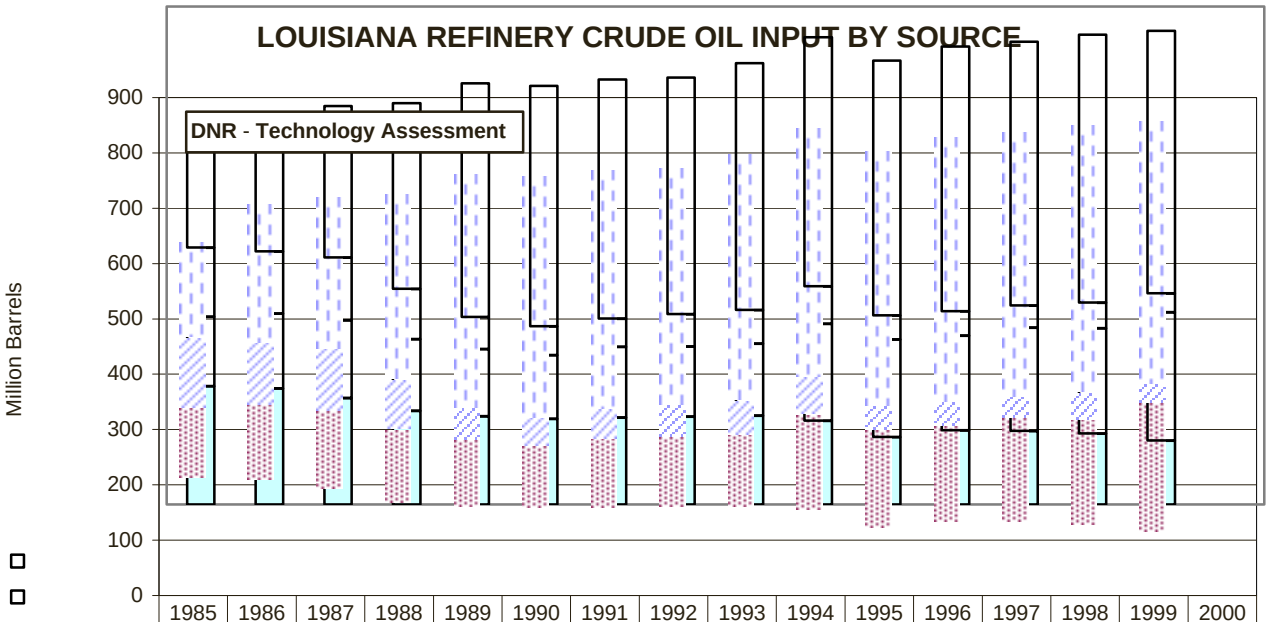
Figure 18

LOUISIANA ENERGY CONSUMPTION BY SOURCE



	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998e	1999e
Nuclear	27	115	133	148	133	152	150	111	154	136	167	168	157	167	151
Coal	159	172	172	212	207	209	214	224	223	231	218	206	219	219	222
Petroleum	1,274	1,372	1,367	1,451	1,424	1,441	1,407	1,460	1,461	1,554	1,477	1,612	1,551	1570	1568
Natural Gas	1,442	1,496	1,561	1,506	1,605	1,637	1,579	1,614	1,637	1,689	1,778	1,738	1,743	1698	1720

Figure 19



	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Foreign	174	250	274	336	423	435	433	428	446	450	461	479	477	484	475	
Other States	125	112	114	91	58	52	51	58	61	68	43	44	40	47	34	
Federal OCS	126	135	141	130	121	115	128	127	130	176	176	171	187	190	232	
Louisiana	213	209	192	169	159	154	157	159	160	151	122	134	132	128	115	

Table 38

LOUISIANA ENERGY CONSUMPTION ESTIMATES BY SOURCE[11]

Year	Total Energy (TBTU)	Total Natural Gas (BCF)	Total Petroleum (MBBLS)	Total Coal (MST)	Total Nuclear (Million KWH)
1960	1,507.9	970	88,852	N/A	0
1961	1,570.7	1,029	89,889	N/A	0
1962	1,584.7	1,015	94,051	N/A	0
1963	1,689.5	1,091	99,427	N/A	0
1964	1,794.1	1,144	106,260	N/A	0
1965	1,766.8	1,110	109,325	N/A	0
1966	1,882.9	1,202	115,895	N/A	0
1967	2,124.1	1,394	123,074	N/A	0
1968	2,295.0	1,521	134,822	N/A	0
1969	2,572.3	1,763	148,052	N/A	0
1970	2,701.4	1,841	150,124	0	0
1971	2,809.3	1,884	163,298	0	0
1972	2,989.3	1,940	186,445	0	0
1973	3,225.9	2,010	212,662	0	0
1974	3,313.3	2,008	222,611	0	0
1975	3,028.8	1,789	214,065	0	0
1976	3,419.1	2,044	237,208	0	0
1977	3,794.6	2,191	270,987	79	0
1978	3,930.1	2,249	279,482	172	0
1979	3,823.5	1,978	307,896	118	0
1980	3,655.2	1,794	296,347	111	0
1981	3,678.3	1,782	295,551	1,363	0
1982	3,431.6	1,556	287,818	3,724	0
1983	3,278.0	1,413	276,220	6,154	0
1984	3,403.5	1,594	248,977	6,855	0
1985	3,184.5	1,386	248,339	9,217	2,457
1986	3,346.5	1,439	261,599	10,459	10,637
1987	3,341.0	1,501	258,487	10,391	12,324
1988	3,464.1	1,446	272,626	12,848	13,785
1989	3,573.7	1,538	267,202	12,471	12,391
1990	3,615.8	1,571	269,813	12,547	14,197
1991	3,549.6	1,508	264,880	12,965	13,956
1992	3,631.8	1,546	275,065	13,674	10,356
1993	3,682.0	1,578	275,830	13,676	14,398
1994	3,822.8	1,624	296,655	14,100	12,779
1995	3,823.5	1,718	283,321	13,357	15,686
1996	4,015.3	1,664	307,630	12,534	15,765
1997	4,093.5 r	1,659	303,986	13,874	13,511
1998	4,108.5 e	1,569	304,751 e	13,876 e	16,428
1999	4,149.3 e	1,615 e	317,576 e	14,300 e	13,112

e Estimated r Revised

TBTU = Trillion BTU BCF = Billion Cubic Feet KWH = Kilowatt-hours

MBBLS = Thousand Barrels MST = Thousand Short Tons

See footnote in Appendix B.

TABLE 39

LOUISIANA REFINERIES STATISTICS

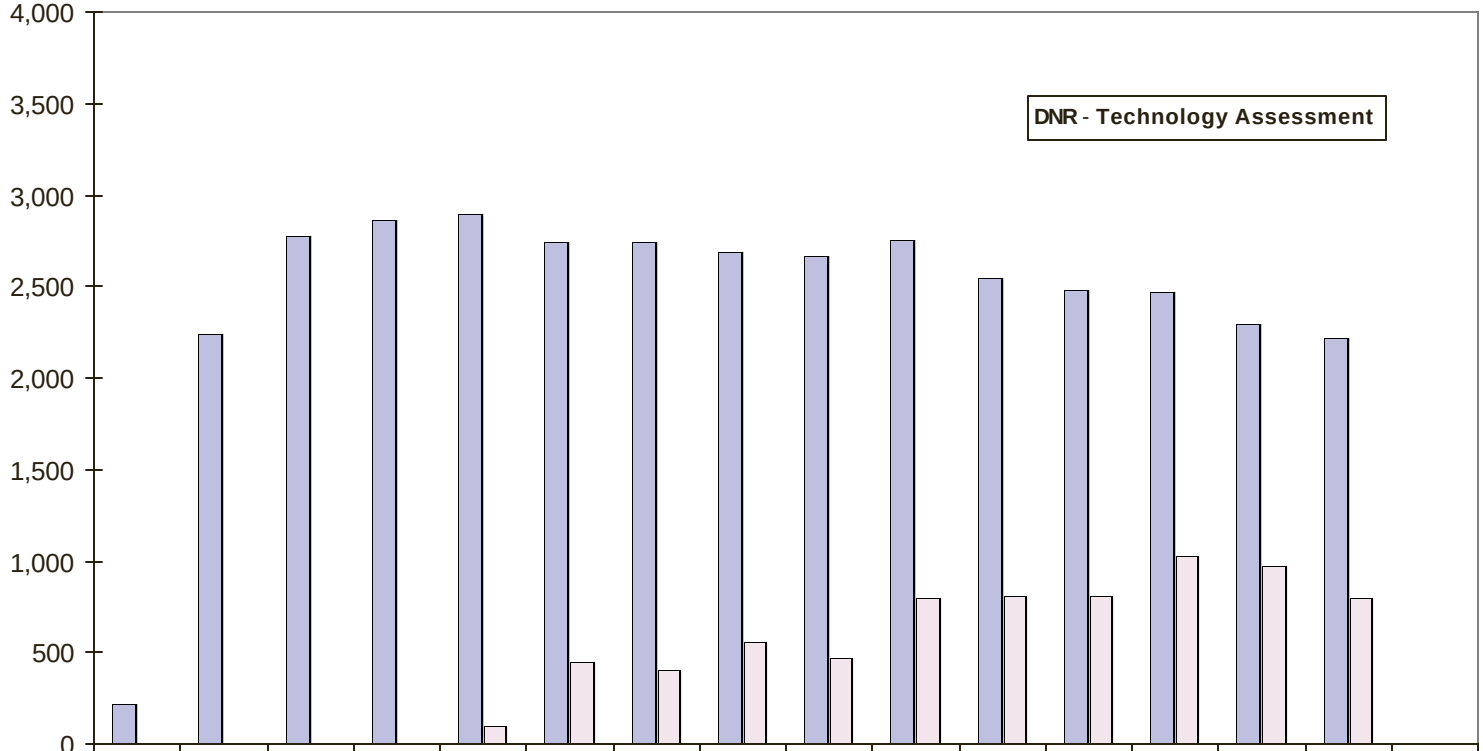
DATE	AVERAGE STOCK ON HAND (Barrels)	DAILY AVERAGE RUNS TO STILL (Barrels)	LICENSED REFINERIES
1980	16,403,667	1,781,168	32
1981	14,207,520	1,727,400	31
1982	12,905,202	1,716,091	31
1983	13,317,761	1,649,283	27
1984	13,182,207	1,720,172	25
1985	13,425,129	1,735,402	24
1986	13,391,258	1,901,450	23
1987	13,967,381	1,947,187	22
1988	14,295,591	1,946,861	21
1989	14,158,306	2,051,304	23
1990	13,783,012	2,045,697	23
1991	14,197,185	2,071,276	23
1992	14,331,412	2,090,248	22
1993	13,763,497	1,883,531	25
1994	15,126,534	2,150,403	19
1995	14,325,305	2,109,245	19
1996	14,462,108 r	2,252,573 r	19
1997	14,275,221	2,257,275	20
July	15,522,598	2,407,108	19
August	15,453,322	2,471,082	19
September	14,413,579	2,274,242	19
October	14,218,613	2,125,462	19
November	13,261,480	2,341,508	19
December	14,704,225	2,452,100	19
1998	**14,965,117**	**2,312,239**	**19**
January	15,825,446	2,307,615	18
February	16,552,818	2,313,335	18
March	13,670,301	2,380,753	18
April	15,545,226	2,477,810	18
May	16,285,883	2,437,072	18
June	14,264,453	2,257,850	18
July	15,448,436	2,480,777	18
August	17,081,810	2,504,643	18
September	15,023,609	2,516,394	18
October	13,757,864	2,221,272	18
November	13,924,721	2,255,314	18
December	13,784,118	2,159,731	18
1999	**181,164,685**	**2,359,381**	**18**
January	14,558,294	2,059,064	18
February	12,180,012	2,189,750	18
March	14,725,787	2,148,257	18
April	13,838,940	2,229,135	18
May	13,624,976	2,238,274	18
June			
July			
August			
September			
October			
November			
December			
2000	**68,928,009**	**2,172,896**	**18**

r Revised

Figure 20

LOUISIANA LIGNITE PRODUCTION BY MINE SOURCE

(Thousand Tons Shipped)



	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Dolet Hills	220	2,241	2,777	2,862	2,892	2,738	2,742	2,688	2,665	2,750	2,546	2,480	2,466	2,301	2,222	
Oxbow	0	0	0	0	103	444	401	554	470	800	804	812	1,029	974	800	
Total	220	2,241	2,777	2,862	2,995	3,182	3,143	3,242	3,135	3,550	3,350	3,292	3,495	3,275	3,022	

Table 40

LOUISIANA ELECTRIC UTILITIES NET ELECTRICITY GENERATION[14] 1960-1998 BY FUEL TYPE

(Million KWH)

YEAR	COAL	LIGNITE	OIL	GAS	NUCLEAR	TOTAL
1960	0	0	28	11,837	0	11,865
1961	0	0	23	12,605	0	12,628
1962	0	0	34	13,541	0	13,575
1963	0	0	37	14,808	0	14,845
1964	0	0	54	16,007	0	16,061
1965	0	0	26	17,819	0	17,845
1966	0	0	24	21,643	0	21,667
1967	0	0	20	23,132	0	23,152
1968	0	0	32	26,123	0	26,155
1969	0	0	26	32,301	0	32,327
1970	0	0	79	33,623	0	33,702
1971	0	0	N/A	N/A	0	37,118
1972	0	0	N/A	N/A	0	39,348
1973	0	0	14,353	36,351	0	40,704
1974	0	0	5,034	34,472	0	39,506
1975	0	0	3,257	35,967	0	39,224
1976	0	0	7,773	37,343	0	45,116
1977	0	0	13,255	35,196	0	48,451
1978	0	0	14,568	36,935	0	51,503
1979	0	0	8,259	38,396	0	46,655
1980	0	0	4,787	40,952	0	45,739
1981	1,529	0	2,634	39,947	0	44,110
1982	4,998	0	940	35,594	0	41,532
1983	8,377	0	356	28,311	0	37,044
1984	9,830	0	140	29,360	0	39,330
1985	13,968	0	100	27,736	2,457	44,261
1986	12,642	2,884	419	26,202	10,637	52,784
1987	12,176	2,926	60	23,823	12,324	51,309
1988	14,372	4,059	272	24,286	13,785	56,774
1989	14,227	3,854	298	21,900	12,391	52,670
1990	13,890	3,910	130	26,061	14,197	58,188
1991	14,786	4,126	45	24,245	13,956	57,158
1992	15,613	4,183	483	24,554	10,356	55,189
1993	15,794	3,572	1,838	23,751	14,398	59,353
1994	15,761	4,364	680	26,586	12,779	60,170
1995	14,632	4,321	49	30,867	15,686	65,555
1996	14,630	4,002	273	23,972	15,765	58,642
1997	16,453	4,499	645	26,580	13,511	61,688
1998	16,131 e	4,631 r e	600	28,318 r	16,428	66,107
1999	16,410 e	4,711 e	420	29,995	13,112	64,649

e Estimated r Revised

See footnotes on Appendix B

APPENDICES

The Sol of New Orleans II
The University of New Orleans's solar powered car

Appendix A

Abbreviations

BCF	Billion Cubic Feet
BTU	British Thermal Unit
DNR	Louisiana Department of Natural Resources
DOE	United States Department of Energy
DOI	United States Department of the Interior
EIA	Energy Information Administration, DOE
FOB	Free on Board
KWH	Kilowatt-hours
MBBLS	Thousand Barrels
MCF	Thousand Cubic Feet
MMS	Minerals Management Service, DOI
MST	Thousand Short Tons
NGC	Natural Gas Clearinghouse
OCS	Outer Continental Shelf
OPEC	Organization of Petroleum Exporting Countries
RAC	Refinery Acquisition Costs
SLS	South Louisiana Sweet Crude Oil
SPR	Strategic Petroleum Reserve
TBTU	Trillion BTU
TCF	Trillion Cubic Feet

State Abbreviations Used in the Louisiana Energy Facts Annual

AL	Alabama	MS	Mississippi
AK	Alaska	ND	North Dakota
CA	California	NM	New Mexico
CO	Colorado	OK	Oklahoma
IL	Illinois	TX	Texas
KS	Kansas	UT	Utah
LA	Louisiana	WY	Wyoming
MI	Michigan		

Appendix B

Data Sources

Unless otherwise specified, data is from the Louisiana Department of Natural Resources.

1. EMPLOYMENT AND TOTAL WAGES PAID BY EMPLOYERS SUBJECT TO LOUISIANA EMPLOYMENT SECURITY LAW, Baton Rouge, LA: Louisiana Department of Labor, Office of Employment Security, Research and Statistics Unit.

2. MONTHLY ENERGY REVIEW and ANNUAL ENERGY REVIEW, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

3. NATURAL GAS MONTHLY and NATURAL GAS ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

4. Baker Hughes from OIL & GAS JOURNAL, Tulsa, OK: PennWell Publishing Co.

5. DYNEGY INC. (Formerly Natural Gas Clearinghouse.) SURVEY OF DOMESTIC SPOT MARKET PRICES, Houston, TX.

6. PETROLEUM MARKETING MONTHLY and PETROLEUM MARKETING ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

7. PETROLEUM SUPPLY MONTHLY and PETROLEUM SUPPLY ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

8. SEVERANCE TAX, Baton Rouge, LA: Louisiana Department of Revenue and Taxation, Severance Tax Section.

9. U.S. CRUDE OIL, NATURAL GAS and NATURAL GAS LIQUIDS RESERVES, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

10. THE WALL STREET JOURNAL, Gulf Coast Edition, Beaumont, TX: Dow Jones and Company.

11. STATE ENERGY DATA REPORT, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

12. FEDERAL OFFSHORE STATISTICS, Washington, D.C.: U.S. Department of the Interior, Minerals Management Service.

13. MINERAL REVENUE, Washington, D.C.: U.S. Department of the Interior, Minerals Management Service, Royalty Management Program.

14. ELECTRIC POWER MONTHLY, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.

Appendix C

Glossary

Bonus. A cash payment by the lessee for the execution of a lease. A lease is a contract that gives a lessee the right: (a) to search for minerals, (b) to develop the surface for extraction, and (c) to produce minerals within the area covered by the contract.

Casinghead Gas. All natural gas released from oil during the production of oil from underground reservoirs.

City-Gate. A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption. Gas used by nonmanufacturing organizations such as hotels, restaurants, retail stores, laundries, and other service enterprises. This also includes gas used by local, state, and federal agencies engaged in nonmanufacturing activities.

Condensate. (See *Lease Condensate*).

Crude Oil. A mixture of hydrocarbons that existed in the liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities.

Crude Oil Prices.

Domestic Wellhead. The average price at which all domestic crude oil is first purchased.

Imports FOB. The price actually charged at the producing country's port of loading. It is the responsibility of the buyer to arrange for transportation and insurance.

Imports Landed. The dollar per barrel price of crude oil at the port of discharge. It includes crude oil landed in the U.S. and U.S. company-owned refineries in the Caribbean, but excludes crude oil from countries that export only small amounts to the United States. The landed price does not include charges incurred at the port of discharge.

Imports OPEC FOB. The average price actually charged by OPEC at their country's port of loading. This price does not include transportation or insurance.

OCS Gulf. The average price at which all offshore, Outer Continental Shelf, Central Gulf region crude oil is first purchased as reported by the U.S. Department of Energy, Energy Information Administration.

Refinery Acquisition Costs (RAC). The average price paid by refiners in the U.S. for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by the refiners.

a) **Domestic.** The average price of crude oil produced in the United States or from the Outer Continental Shelf of the U.S.

b) **Imports**. The average price of any crude oil not reported as domestic.

Refinery Posted. The average price from a survey of selected refiners' postings for South Louisiana Sweet (SLS) crude, which are effective on the middle and the end of the month.

Severance Tax. The average wellhead price calculated from oil severance taxes paid to the Louisiana Department of Revenue and Taxation.

Spot Market. The spot market crude oil price is the average of daily South Louisiana Sweet (SLS) crude price futures traded in the month and usually includes transportation from the producing field to the St. James, Louisiana terminal.

State. The average price at which all Louisiana crude oil, excluding Louisiana OCS, is first purchased as reported in a survey by the U.S. Department of Energy, Energy Information Administration.

State Royalty. The average wellhead price from its royalty share of oil produced in state lands or water bottoms. The price is calculated by the ratio of received oil royalty gross revenue divided by royalty volume share reported to the Louisiana Department of Natural Resources.

Developmental Well. Wells drilled within the proved area of an oil or gas reservoir to the depth of a stratigraphic horizon known to be productive.

Dry Gas. (See *Natural Gas, "Dry"*).

Dry Hole. An exploratory or developmental well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.

Electric Utility Consumption. Gas used as fuel in electric utility plants.

Exploratory Well. A well drilled to find and produce oil or gas in an unproved area, to find a new reservoir in an old field, or to extend the limits of a known oil or gas reservoir.

Exports. Crude oil or natural gas delivered out of the Continental United States and Alaska to foreign countries.

Extraction Loss. The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Federal Offshore or Federal OCS. (See *Louisiana OCS*)

FOB Price (Free on board). The price actually charged at the producing country's port of loading. The reported price includes deductions for any rebates and discounts or additions of premiums where applicable and should be the actual price paid with no adjustment for credit terms.

Gate. *(See City-Gate)*

Gross Revenue. Amount of money received from a purchaser, including charges for field gathering, transportation from wellhead to purchaser receiving terminal, and state production severance tax.

Gross Withdrawals. (See *Natural Gas, Gross Withdrawals*)

Imports. Crude oil or natural gas received in the Continental United States, Alaska, and Hawaii from foreign countries.

Industrial Consumption. Natural gas used by manufacturing and mining establishments for heat, power, and chemical feedstock.

Lease Condensate. A mixture consisting primarily of pentane and heavier hydrocarbons that is recovered as a liquid from natural gas in lease or field separation facilities, exclusive of products recovered at natural gas processing plants or facilities.

Lease Separator. A facility installed at the surface for the purpose of: (a) separating gases from produced crude oil and water at the temperature and pressure conditions of the separator, and/or (b) separating gases from that portion of the produced natural gas stream which liquefies at the temperature and pressure conditions of the separator.

Louisiana OCS. Submerged lands under federal regulatory jurisdiction that comprise the Continental Margin or Outer Continental Shelf adjacent to Louisiana and seaward of the Louisiana Offshore region.

Louisiana Offshore. A 3-mile strip of submerged lands under state regulatory jurisdiction located between the State coast line and the OCS region.

Louisiana Onshore. Region defined by the State boundary and the coast line.

Major Pipeline Company. A company whose combined sales for resale, and gas transported interstate or stored for a fee, exceeded 50 million thousand cubic feet in the previous year.

Marketed Production. (See *Natural Gas, Marketed Production*)

Natural Gas. A mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with crude oil in natural underground reservoirs at reservoir conditions. The principal hydrocarbons usually contained in the mixture are methane, ethane, propane, butanes and pentanes. Typical non-hydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide and nitrogen. Under reservoir conditions, natural gas and the liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil, and are not distinguishable at the time as separated substances.

Natural Gas, "Dry". The actual or calculated volume of natural gas which remains after: (a) the liquefiable hydrocarbon portion has been removed from the gas stream, and (b) any volumes of non-hydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable.

Natural Gas, Gross Withdrawals. Full well-stream volume, including all natural gas plant liquids and all non-hydrocarbon gases, but excluding lease condensate.

Natural Gas Liquids. Lease condensate plus natural gas plant liquids.

Natural Gas, Marketed Production. Gross withdrawals less gas used for repressurizing, quantities vented and flared, and non-hydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations.

Natural Gas, OCS Gas. OCS gas volume is as reported. It is mostly "dry" gas though some is "wet" gas.

Natural Gas Plant Liquids. Those hydrocarbons remaining in a natural gas stream after field separation and later separated and recovered at a natural gas processing plant or cycling plant through the processes of absorption, adsorption, condensation, fractionation or other methods. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as condensate, natural gasoline, or liquefied petroleum gases. Where hydrocarbon components lighter than propane (e.g., ethane) are recovered as liquids, these components are included with natural gas liquids.

Natural Gas Prices.

Spot Market. The average price of natural gas paid at the regional spot market receipt points or zones as reported by Dynegy Inc. (Formerly Natural Gas Clearinghouse.) in Houston, Texas. The data is from Dynegy's survey of the domestic natural gas spot market receipt points. The Louisiana natural gas spot market is a subset of the U.S. spot market. It only includes spot market receipt points or zones located in Louisiana. These points or zones are:

Eunice, Louisiana - Market accessed by ANR
Onshore Lateral, La - Market accessed by Columbia Gulf
Anywhere On System - Market accessed by Faustina, Louisiana Intrastate Gas, Bridgeline and Monterrey
South Louisiana - Market accessed by Southern Natural
Vinton Louisiana - Market accessed by Tennessee Gas Pipeline
Northern Louisiana - Market accessed by Texas Gas Transmission
Onshore Louisiana - Market accessed by United

OCS. The average wellhead price calculated from sales and volumes from Louisiana OCS natural gas as reported by the U.S. Department of Interior, Minerals Management Service.

State Royalty. The average wellhead price calculated from revenue received and volumes reported to the Louisiana Department of Natural Resources.

State Wells. The average price of gas sold at Louisiana wellhead. This price includes: (a) value of natural gas plant liquids subsequently removed from the gas, (b) gathering and compression charges, and (c) State production, severance, and/or similar charges.

Major Pipelines Purchases.

a) **Domestic Producers.** The average price of natural gas produced in the United States or from the Outer Continental Shelf of the U.S.

b) **Foreign Imports.** The average price of any natural gas not reported as domestic.

Wellhead. The wellhead sales price including: (a) value of natural gas plant liquids subsequently removed from the gas, (b) gathering and compression charges, and (c) State production, severance, and/or similar charges.

Natural Gas, Wet After Lease Separation. The volume of natural gas, if any, remaining after: (a) removal of lease condensate in lease and/or field separation facilities, and (b) exclusion of non-hydrocarbon gases where they occur in sufficient quantities to render the gas unmarketable. Also excludes gas returned to formation in pressure maintenance and secondary recovery projects and gas returned to earth from cycling and/or gasoline plants. Natural gas liquids may be recovered from volumes of natural gas, wet after lease separation, at natural gas processing plants.

Organization of Petroleum Exporting Countries (OPEC). Countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Outer Continental Shelf (OCS). All submerged lands that comprise the Continental Margin adjacent to the U.S. and seaward of the state offshore lands. Production in the OCS is under federal regulatory jurisdiction and ownership.

Processing Plant. A facility designed to recover natural gas liquids from a stream of natural gas which may or may not have passed through lease separators and/or field separation facilities. Another function of natural gas processing plants is to control the quality of the processed natural gas stream.

Proved Reserves of Crude Oil. As of December 31 of the report year, the estimated quantities of all liquids defined as crude oil which geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Volumes of crude oil in underground storage are not considered proved reserves.

Proved Reserves of Lease Condensate. The volumes of lease condensate as of December 31 of the report year expected to be recovered in future years in conjunction with the production of proved reserves of natural gas as of December 31 of the report year.

Proved Reserves of Natural Gas. The estimated quantities of natural gas as of December 31 of the report year which analysis of geologic and engineering data demonstrates with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Volumes of natural gas in underground storage are not considered proved reserves.

Proved Reserves of Natural Gas Liquids. The volumes of natural gas liquids (including lease condensate) as of December 31 of the report year, which analysis of geologic and engineering data demonstrates with reasonable certainty to be separable in the future from proved natural gas reserves, under existing economic and operating conditions.

Rental. Money paid by the lessee to maintain the lease after the first year if it is not producing. A lease is considered expired when rental is not paid on time on an unproductive lease.

Reservoir. A porous and permeable underground formation containing an individual and separate natural accumulation of producible hydrocarbons (oil and/or gas) which is confined by impermeable rock or water barriers and is characterized by a single natural pressure system. Reservoirs are considered proved if economic producibility is supported by actual production or conclusive formation tests (drill stem or wire line), or if economic producibility is supported by core analysis and/or electric or other log interpretations. The area of a gas or oil reservoir considered proved includes: (a) that portion delineated by drilling and defined by gas-oil and/or gas-water contacts, if any; and (b) the immediately adjoining portions not yet drilled, but which can be reasonably judged as economically productive on the basis of available geological and engineering data.

Residential Consumption. Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Royalty (Including Royalty Override) Interest. Those interests which entitle their owner(s) to a share of the mineral production from a property or to a share of the proceeds therefrom. These interests do not contain the rights and obligations of operating the property and normally do not bear any of the costs of exploration, development, or operation of the property.

Royalty Override (Or Overriding Royalty). An interest in oil and gas produced at the surface free of any cost of production. It is royalty in addition to the usual landowner's royalty reserved to the lessor. The Layman's Guide to Oil & Gas by Brown & Miller defines overriding royalty as a percentage of all revenue earned by a well and carrying no cost obligation.

State Offshore. (See *Louisiana Offshore*).

Wet After Lease Separation. (See *Natural Gas, Wet After Lease Separation*).

Wildcat Well . (See *Developmental Well*).

Appendix D

Louisiana Gas Volume at 14.73 psia

Page

Appendix D-1

LOUISIANA STATE GAS PRODUCTION, WET AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas, Excluding OCS

(Thousand Cubic Feet (MCF) at 14.73 psia and 60 degrees Fahrenheit)*

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	377,031,666	1,970,503,750	416,970,904	2,764,506,320
1981	428,405,769	1,799,516,063	382,343,206	2,610,265,038
1982	386,004,468	1,566,377,332	366,786,207	2,319,168,006
1983	372,027,021	1,348,297,497	327,867,480	2,048,191,997
1984	394,640,400	1,418,548,949	324,376,486	2,137,565,835
1985	363,537,227	1,295,763,687	259,172,205	1,918,473,120
1986	376,365,114	1,260,415,323	254,824,829	1,891,605,266
1987	368,201,116	1,190,281,030	235,533,381	1,794,015,527
1988	385,240,490	1,203,110,971	220,427,212	1,808,778,674
1989	389,753,869	1,162,596,403	208,995,087	1,761,345,359
1990	390,844,876	1,135,530,512	182,241,160	1,708,616,548
1991	391,695,665	1,144,790,650	153,601,393	1,690,087,709
1992	377,846,592	1,142,511,650	149,550,553	1,669,908,795
1993	361,037,978	1,127,223,468	157,011,151	1,645,272,597
1994	363,026,133	1,059,040,963	160,253,733	1,582,320,828
1995	373,920,706	1,037,002,802	168,979,854	1,579,903,362
1996	422,864,073	1,042,083,172	188,310,766	1,653,258,011
1997	448,268,707	988,652,554	188,265,143	1,625,186,404
July	35,725,832	82,275,753	16,686,850	134,688,434
August	35,666,237	82,812,666	15,396,165	133,875,068
September	34,303,758	77,607,073	10,588,146	122,498,977
October	34,858,655	76,835,935	11,603,113	123,297,702
November	34,572,786	78,535,199	14,038,712	127,146,696
December	34,627,691	79,090,504	13,589,475	127,307,669
1998	**435,839,854**	**956,714,929**	**179,004,668**	**1,571,559,447**
January	34,685,724	79,265,338	13,052,715	127,003,778
February	31,922,361	72,616,766	11,631,864	116,170,991
March	34,734,541	79,237,223	13,065,604	127,037,369
April	32,419,661	74,485,555	12,485,176	119,390,392
May	32,883,236	75,788,093	12,529,940	121,201,269
June	32,247,652	74,477,888	12,214,015	118,939,554
July	33,154,463 e	76,644,626 e	12,560,786 e	122,359,875 e
August	34,609,011 e	80,159,097 e	13,199,130 e	127,967,240 e
September	31,848,138 e	74,046,415 e	12,188,047 e	118,082,600 e
October	33,135,279 e	77,322,571 e	12,677,921 e	123,135,771 e
November	31,931,652 e	74,762,136 e	12,236,178 e	118,929,966 e
December	32,886,340 e	77,282,248 e	12,642,071 e	122,810,658 e
1999	**396,458,056** e	**916,087,957** e	**150,483,449** e	**1,463,029,462** e
January	32,520,156 e	76,536,444 e	12,482,995 e	121,539,596 e
February	29,493,752 e	69,723,492 e	11,347,942 e	110,565,188 e
March	32,410,466 e	76,692,897 e	12,456,978 e	121,560,339 e
April	30,434,021 e	72,333,152 e	11,723,947 e	114,491,119 e
May	31,032,608 e	73,688,445 e	11,940,551 e	116,661,604 e
June	30,661,863 e	72,969,684 e	11,800,247 e	115,431,794 e
July	30,290,204 e	72,256,332 e	11,663,698 e	114,210,234 e
August	30,449,495 e	72,762,900 e	11,726,849 e	114,939,244 e
September	30,057,300 e	71,976,900 e	11,580,823 e	113,615,025 e
October	29,981,957 e	71,905,650 e	11,552,198 e	113,439,806 e
November				
December				
2000	**307,331,823** e	**730,845,896** e	**118,276,230** e	**1,156,453,948** e

[e] Estimated [r] Revised

* See Table 11 for corresponding volumes at 15.025 psia.

Appendix D-2

LOUISIANA STATE GAS PRODUCTION, WET AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas

(Thousand Cubic Feet (MCF) at 14.73 psia and 60 degrees Fahrenheit)*

	ONSHORE	OFFSHORE		TOTAL
DATE		State	Federal OCS[12]	
1980	2,347,535,416	416,970,904	4,013,707,434	6,778,213,754
1981	2,227,921,833	382,343,206	4,106,494,590	6,716,759,628
1982	1,952,381,800	366,786,207	3,803,740,050	6,122,908,056
1983	1,720,324,517	327,867,480	3,173,892,354	5,222,084,351
1984	1,813,189,350	324,376,486	3,578,740,570	5,716,306,405
1985	1,659,300,915	259,172,205	3,116,884,490	5,035,357,610
1986	1,636,780,437	254,824,829	2,927,832,264	4,819,437,530
1987	1,558,482,146	235,533,381	3,180,107,195	4,974,122,722
1988	1,588,351,461	220,427,212	3,096,881,628	4,905,660,302
1989	1,552,350,272	208,995,087	3,006,576,061	4,767,921,420
1990	1,526,375,388	182,241,160	3,706,324,044	5,414,940,592
1991	1,536,486,315	153,601,393	3,289,968,602	4,980,056,311
1992	1,520,358,242	149,550,553	3,338,101,447	5,008,010,242
1993	1,488,261,446	157,011,151	3,386,808,653	5,032,081,250
1994	1,422,067,095	160,253,733	3,492,406,762	5,074,727,590
1995	1,410,923,508	168,979,854	3,636,067,997	5,215,971,359
1996	1,464,947,245	188,310,766	3,898,234,094	5,551,492,105
1997	1,436,921,261	188,265,143	3,913,885,048	5,539,071,452
July	118,001,585	16,686,850	321,200,273 e	455,888,708 e
August	118,478,903	15,396,165	332,803,816 e	466,678,885 e
September	111,910,832	10,588,146	233,700,758 e	356,199,736 e
October	111,694,590	11,603,113	305,420,936 e	428,718,639 e
November	113,107,985	14,038,712	330,168,117 e	457,314,814 e
December	113,718,196	13,589,475	338,079,591 e	465,387,262 e
1998	**1,392,554,779**	**179,004,667**	**3,853,006,219** e	**5,424,565,665** e
January	113,951,062	13,052,715	345,743,530 e	472,747,307 e
February	104,539,127	11,631,864	302,897,774 e	419,068,765 e
March	113,971,764	13,065,604	327,459,966 e	454,497,335 e
April	106,905,216	12,485,176	346,078,404 e	465,468,796 e
May	108,671,329	12,529,940	352,905,080 e	474,106,349 e
June	106,725,539	12,214,015	353,500,567 e	472,440,121 e
July	109,799,089 e	12,560,786 e	344,579,671 e	466,939,546 e
August	114,768,109 e	13,199,130 e	337,168,386 e	465,135,624 e
September	105,894,553 e	12,188,047 e	332,978,575 e	451,061,175 e
October	110,457,850 e	12,677,921 e	331,339,825 e	454,475,595 e
November	106,693,788 e	12,236,178 e	329,708,558 e	448,638,524 e
December	110,168,588 e	12,642,071 e	340,238,911 e	463,049,570 e
1999	**1,312,546,013** e	**150,483,449** e	**4,044,599,246** e	**5,507,628,707** e
January	109,056,600 e	12,482,995 e	332,707,955 e	454,247,550 e
February	99,217,244 e	11,347,942 e	310,461,142 e	421,026,327 e
March	109,103,363 e	12,456,978 e	360,012,476 e	481,572,816 e
April	102,767,173 e	11,723,947 e	365,486,219 e	479,977,339 e
May	104,721,053 e	11,940,551 e	352,093,731 e	468,755,336 e
June	103,631,547 e	11,800,247 e		115,431,794 e
July	102,546,536 e	11,663,698 e		114,210,234 e
August	103,212,394 e	11,726,849 e		114,939,244 e
September	102,034,201 e	11,580,823 e		113,615,024 e
October	101,887,608 e	11,552,198 e		113,439,806 e
November				
December				
2000	**1,038,177,719** e	**118,276,230** e	**1,756,820,822** e	**2,913,274,770** e

[e] Estimated [r] Revised

NOTE: The 1998 Federal OCS production is estimated from the marketed production

* See Table 12 for corresponding volumes at 15.025 psia.

Appendix D-3

LOUISIANA MARKETED AND DRY GAS PRODUCTION

(Billion Cubic Feet (BCF) at 14.73 psia and 60 degrees Fahrenheit)*

	MARKETED			EXTRACTION	
DATE	**State**	**OCS**	**Total[3]**	**LOSS[3]**	**DRY[3]**
1980	2,439	4,200	6,639	142	6,497
1981	2,264	4,517	6,780	142	6,638
1982	2,013	4,159	6,172	129	6,043
1983	1,757	3,575	5,332	124	5,208
1984	1,872	3,953	5,825	133	5,693
1985	1,689	3,325	5,014	118	4,896
1986	1,658	3,238	4,895	116	4,780
1987	1,575	3,548	5,123	125	4,998
1988	1,697	3,483	5,180	120	5,060
1989	1,652	3,426	5,078	121	4,957
1990	1,629	3,613	5,242	119	5,123
1991	1,575	3,459	5,034	129	4,905
1992	1,691	3,223	4,914	133	4,782
1993	1,631	3,360	4,991	130	4,861
1994	1,580	3,590	5,170	129	5,041
1995	1,501	3,608	5,108	146	4,962
1996	1,517	3,723	5,290	140	5,150
1997	1,510	3,720	5,230	150	5,080
July	132 r	323 r	456 r		
August	122 r	336 r	458 r		
September	131 r	233 r	364 r		
October	127 r	307 r	435 r		
November	98 r	335 r	433 r		
December	107 r	342 r	450 r		
1998	**1,448** r	**3,851** r	**5,299** r	**145** r	**5,155** r
January	117	335 e	452		
February	121	292 e	413		
March	135	315 e	450		
April	101	337 e	438		
May	118	342 e	460		
June	110	341 e	450		
July	121	333 e	454		
August	130	325 e	455		
September	108	323 e	431		
October	113	321 e	434		
November	112	319 e	431		
December	114	330 e	444		
1999	**1,400**	**3,913** e	**5,314**	**165**	**5,149**
January	118	343 e	460		
February	109	323 e	433		
March	114	353 e	467		
April	94	358 e	452		
May	117	345 e	463		
June	113				
July	114				
August	108				
September	106				
October					
November					
December					
2000					

e Estimated r Revised

See footnote in Appendix B.

* See Table 13 for corresponding volumes at 15.025 psia.

APPENDIX D-4

UNITED STATES OCS GAS PRODUCTION[12]

Natural Gas and Casinghead Gas

(Thousand Cubic Feet (MCF) at 14.73 psia and 60 degrees Fahrenheit)*

YEAR	LOUISIANA	TEXAS	CALIFORNIA	TOTAL
Prior	19,881,055	0	0	19,881,055
1954	56,325,083	0	0	56,325,083
1955	81,279,042	0	0	81,279,042
1956	82,892,538	0	0	82,892,538
1957	82,568,807	4,797	0	82,573,604
1958	127,692,848	0	0	127,692,848
1959	207,156,296	0	0	207,156,296
1960	273,034,451	0	0	273,034,451
1961	318,280,095	0	0	318,280,095
1962	451,952,659	0	0	451,952,659
1963	564,352,606	0	0	564,352,606
1964	621,731,438	0	0	621,731,438
1965	645,589,469	0	0	645,589,469
1966	965,387,849	42,059,386	0	1,007,447,235
1967	1,087,262,804	99,952,946	0	1,187,215,750
1968	1,413,467,606	109,910,787	799,685	1,524,178,078
1969	1,822,544,142	127,096,982	4,845,851	1,954,486,975
1970	2,273,147,040	133,300,404	12,229,147	2,418,676,591
1971	2,634,014,031	127,357,908	15,671,479	2,777,043,418
1972	2,881,364,733	147,156,459	10,033,581	3,038,554,773
1973	3,055,628,236	148,673,637	7,286,549	3,211,588,422
1974	3,349,170,864	159,979,401	5,573,642	3,514,723,907
1975	3,332,169,057	122,572,764	3,951,633	3,458,693,454
1976	3,499,865,900	92,582,425	3,475,201	3,595,923,526
1977	3,647,513,674	86,943,285	3,289,963	3,737,746,922
1978	4,149,731,136	231,857,450	3,472,292	4,385,060,878
1979	4,158,521,710	511,590,607	2,866,822	4,672,979,139
1980	4,013,707,434	624,642,526	3,107,023	4,641,456,983
1981	4,106,494,590	730,275,831	12,766,307	4,849,536,728
1982	3,803,740,050	858,020,298	17,750,924	4,679,511,272
1983	3,173,892,354	850,817,211	16,024,292	4,040,733,857
1984	3,578,740,570	931,293,582	27,806,899	4,537,841,051
1985	3,116,884,490	834,926,523	49,164,213	4,000,975,226
1986	2,927,832,264	978,370,552	42,689,021	3,948,891,837
1987	3,180,107,195	1,204,488,337	40,986,158	4,425,581,690
1988	3,096,881,628	1,178,422,561	34,570,638	4,309,874,827
1989	3,006,576,061	1,165,112,953	28,574,912	4,200,263,926
1990	3,706,324,044	1,348,075,361	38,531,764	5,092,931,169
1991	3,289,968,602	1,184,936,494	40,626,577	4,515,531,673
1992	3,338,101,447	1,239,389,547	40,873,660	4,685,644,725
1993	3,386,808,653	1,027,937,755	42,082,090	4,533,389,731
1994	3,492,406,762	1,014,204,135	41,679,064	4,657,017,829
1995	3,636,067,997	908,520,050	36,425,501	4,692,270,825
1996	3,898,234,094	972,873,759	37,822,941	5,024,420,807
1997	3,913,885,048	965,334,787	40,722,084	5,076,996,337
1998	3,789,387,595	867,606,779	26,431,191	4,835,387,697
1999	3,987,022,817	814,124,878	37,261,450	4,992,363,948

See footnote in Appendix B.

* See Table 15 for corresponding volumes at 15.025 psia.

Appendix D-5

UNITED STATES NATURAL GAS AND CASINGHEAD GAS PRODUCTION[3]

(Billion Cubic Feet (BCF) at 14.73 psia and 60 degrees Fahrenheit)*

DATE	GROSS	WET AFTER LEASE SEPARATION	MARKETED	DRY	GROSS IMPORTS
1980	21,870	20,305	20,180	19,403	985
1981	21,587	20,054	19,956	19,181	904
1982	20,272	18,675	18,582	17,820	933
1983	18,659	16,979	16,884	16,094	918
1984	20,267	18,412	18,304	17,466	843
1985	19,607	17,365	17,270	16,454	950
1986	19,131	16,956	16,859	16,059	750
1987	20,140	17,557	17,433	16,621	993
1988	20,999	18,061	17,918	17,103	1,294
1989	21,074	18,237	18,095	17,311	1,382
1990	21,523	18,744	18,594	17,810	1,532
1991	21,750	18,702	18,532	17,698	1,773
1992	22,132	18,879	18,712	17,840	2,138
1993	22,725	19,209	18,982	18,095	2,350
1994	23,581	19,938	19,710	18,821	2,624
1995	23,743	19,790	19,506	18,598	2,841
1996	24,052	20,024	19,751	18,793	2,937
1997	24,213	20,129	19,865	18,901	2,994
July	2,002 r	1,686 r	1,666 r	1,586 r	266 r
August	2,024 r	1,698 r	1,678 r	1,598 r	275 r
September	1,874 r	1,547 r	1,527 r	1,454 r	262 r
October	2,026 r	1,671 r	1,650 r	1,571 r	266 r
November	1,954 r	1,611 r	1,591 r	1,515 r	258 r
December	1,988 r	1,635 r	1,615 r	1,538 r	275 r
1998	**24,923** r	**19,879** r	**19,645** r	**18,708** r	**3,152** r
January	2,091	1,716	1,696	1,618 r	308
February	1,882	1,554	1,536	1,465 r	276
March	2,080	1,714	1,693	1,615 r	293
April	1,960	1,629	1,608	1,534 r	280
May	1,998	1,690	1,669	1,593 r	286
June	1,963	1,641	1,620	1,546 r	275
July	1,997	1,670	1,649	1,573 r	289
August	1,975	1,652	1,632	1,557 r	311
September	1,925	1,620	1,598	1,525 r	305
October	2,038	1,667	1,644	1,569 r	306
November	1,978	1,630	1,608	1,534 r	309
December	2,067	1,681	1,658	1,582 r	309
1999	**23,954**	**19,864**	**19,611**	**18,711** r	**3,547**
January	2,041	1,664	1,644	1,568	326
February	1,935	1,572	1,550	1,479	300
March	2,070	1,706	1,682	1,604	307
April	1,933	1,607	1,587	1,514	294
May	1,973	1,666	1,645	1,569	288
June	1,987	1,655	1,634	1,559	296
July	2,012	1,682	1,661	1,585	294
August		1,698	1,678	1,598	309
September		1,640	1,620	1,543	304
October					
November					
December					
2000	**13,951**	**14,890**	**14,701**	**14,019**	**2,718**

r Revised

See footnote in Appendix B.

* See Table 16 for corresponding volumes at 15.025 psia.

Appendix E

1997 Louisiana Energy Topics

For a copy of reports listed in this appendix, please contact:

Louisiana Department of Natural Resources
Technology Assessment Division
P.O. Box 94396
Baton Rouge, LA 70804-9396
Phone (225) 342-4593
Fax (225) 342-2707

LOUISIANA FY99 CRUDE OIL REFINERY SURVEY REPORT NOW AVAILABLE

by Sam Stuckey, P.E.

For the twelve month fiscal year ending June 30, 1999 (FY99), the average Louisiana refinery operating rate decreased to 92.6% from 93.9% in FY98. While there were some changes in the product mix of individual refineries, the overall mix remained about the same and the trend to less mid-grade gasoline production continued, with only one refinery reporting that product. Projects and process reconfigurations to improve efficiency or alter the product mix have resulted in a total crude capacity increase of over 50,000 barrels per calendar day (bcd) since June 1998. Survey results are shown on the next page.

The total operating capacity of 2,694,838 bcd reported as of June 30, 1999, is up 2.6% from our FY98 survey. The overall operating rate of 92.6% compares with the national rate of 96.7% for calendar year 1998 and 93.5% for the 12-month period ending June 30, 1999.

Of the eighteen refineries that operated during the fiscal year, six produced reformulated gasoline (RFG) for sale in those markets where the U.S. Environmental Protection Agency (EPA) had mandated its use. RFG accounted for 10.3% of all gasoline production by Louisiana refineries, which was 0.5% less than last year. Total gasoline production increased 7.9% over the previous twelve month period.

Louisiana refineries continued to obtain most of their crude supply from outside the state as oil production within the state continued to decline. Only 21% came from within Louisiana's borders. Of the outside sources supplying crude to Louisiana refineries, foreign countries provided the most at 57%, the federal Offshore Continental Shelf (OCS) was next at 16%, and other states provided 5%. These percentages are essentially the same as the previous report.

The monthly Gulf Coast Refinery Margin displayed roller-coaster performance for the last half of FY99 after an essentially positive history for calendar year 1998. The cash operating margin peaked at $1.15 in April 1999, but was only $0.06 for June 1999.

Recent Changes

Orion Refining Corp. (previously, TransAmerican Refining Corp.) restarted its vacuum and crude units in June 1998 and began processing heavy, sour feedstocks. The facility operated at 66.3% of capacity (110,000 bcd) during this survey period. Rated capacity is expected to increase to 200,000 bcd after catalytic cracking and alkylation units come on line in calendar year 2000.

The Canal Refining Company facility at Church Point did not operate for this reporting period, but expected to resume operations in early 2000 following completion of extensive maintenance and process projects.

Other information in the **Louisiana Crude Oil Refinery Survey Report** includes key personnel, mailing addresses, and geographical location descriptions. Tabulated statistical data, charts, and graphs relating to oil production, refinery crude oil sources, refinery margins, capacities, operating rates, and product slates are also contained in the report. For a copy of the complete report, contact:

LOUISIANA OPERATING REFINERIES
CRUDE CAPACITY (Barrels per Calendar Day, BCD) and PERCENT PRODUCT SLATE
Louisiana FY 1999 DNR Survey

REFINERY NAME	OPERATING CAPACITY As of June 30, 1999 (BCD)	OPERATING RATE * (%)	IDLE CAP. (BCD)	OPERABLE RATE (%)	12-MONTH THROUGHPUT 1 July 98-30 June 99 (Barrels)	% OF TOTAL PRODUCT SLATE										
						GASOLINE				OTHER FUELS			MISCELLANEOUS			ALL OTHER
						REG	MID	PREM	RFG	DIESEL	JET/ KERO	FUEL OIL	LPGs	NAPTH	COKE/ RESID	
American International Refinery, Lake Charles ***Note A***	35,000	2.8	0	2.8	352,357					9.0	7.0		2.0	11.0		71.0
B. P. Amoco PLC - Alliance	254,500	90.3	5,500	88.3	83,840,553	28.9		15.0		28.0	14.9		2.3		1.6/0.6	8.7
Calcasieu Refining Co.	15,300	99.2	0	99.2	5,539,344					32.5	18.4	20.6	4.5	23.7		
Calumet Lubricants - Cotton Valley	7,700	89.4	2,500	67.5	2,512,484					0.3				57.0		42.7
Calumet Lubricants - Princeton	7,638	87.8	662	80.8	2,447,335					11.0						89.0
Chalmette Refining, LLC	180,500	98.6	10,000	93.4	64,970,000	43.1		11.5		6.5	12.3	12.8	5.0		0.35/3.8	4.7
Citgo Petroleum Corp.	320,000	97.0	0	97.0	113,339,646	27.2		15.7	7.1	10.7	18.1	3.3	2.0		7.0	8.9
Conoco, Inc. - Lake Charles	250,000	93.2	0	93.2	85,068,473	17.0		10.0	14.0	30.0	17.0	1.0	1.0	1.0	8.0/1.0	
Exxon Co. U.S.A.	470,000	92.3	0	92.3	158,300,500	22.0		8.0	7.0	16.0	12.0		2.0	1.0	4.0/3.0	25.0
Marathon Ashland Petroleum, LLC	255,000	88.8	0	88.8	82,682,649	40.2		11.7	0.6		1.4	17.6	4.7	0.1	0/11.0	12.6
Motiva Enterprises, LLC - Convent	225,000	103.0	0	103.0	84,548,300	32.0		3.8	5.1	18.6	11.7		2.1		1.5/14.5	10.7
Motiva Enterprises, LLC - Norco	235,000	96.4	0	96.4	82,728,171	37.1		19.7	4.9	16.7	15.0		1.3	0.7	1.8/2.8	
Murphy Oil U.S.A., Inc.	101,000	90.0	0	90.0	33,172,463	33.9		8.6		15.1	7.6	11.3	0.8		0/12.2	2.6
Orion Refining Corp.	110,000	66.3	0	66.3	26,619,224					16.0	6.0			14.0	8.0/23.0	38.0
Pennzoil-Quaker State Corp.	46,200	92.6	0	92.6	15,613,605	35.9	1.7	2.5		21.7	14.0		2.3	0.3	0/3.1	18.5
Placid Refining Co.	49,000	98.9	0	98.9	17,682,810	37.6		5.7		26.2	10.9		0.5	0.4	0/6.1	12.6
Shell Chemical Co. - St. Rose	55,000	79.7	0	79.7	16,000,000					20.0	9.0		2.0	21.0	0/15.0	33.0
Valero Refining Co. - La.	78,000	82.7	0	82.7	23,556,040	28.0		3.3		17.9	13.4		2.0	11.2		24.2
WEIGHTED STATE AVERAGE (%)		**92.6**		**91.9**		**28.2**	**0.0**	**10.4**	**4.4**	**16.4**	**12.4**	**3.6**	**2.2**	**1.7**	**3.1/5.2**	**12.2**
TOTAL LA. CAPACITY	**2,694,838**		**18,662**		**898,973,954**											

Note A - Not used in weighted average calculation.

LOUISIANA AN ENERGY CONSUMING STATE
AN UPDATE USING 1997 DATA

Louisiana's energy picture during the calendar year of 1997 showed a marked decrease in the production of oil from within the state's territorial boundaries. Oil production in the state has continued to decline since the 1980's. There was also a reduction in the use of petroleum for energy purposes; while overall energy consumption in Louisiana increased nearly two percent from 1996 to 1997.

Electrical energy use is a major portion of Louisiana's energy budget. A large portion of that energy is produced by base load nuclear and coal fired power plants. In calendar 1997 the Waterford nuclear plant took a planned 40 day outage in April to refuel. The River Bend nuclear plant also reduced its electrical production in the months of September and October.

Outages are not unusual, they were for the most part planned, and timed to avoid peak use months and times. The utilities in Louisiana did not import any net additional electricity. Ultimately this shifted a portion of electricity generation from nuclear to coal and natural gas over that period.

Electricity generated by nuclear power dropped 2,254 million kilowatt hours or 24.0 trillion BTU's (TBTU's). Natural Gas use for electrical generation increased 24.4 TBTU, which offsets that drop. Coal and lignite use increased 19.8 TBTU's, combined with small increases in heavy oil use and hydro power, offsetting the increased electrical energy consumed in the state, and avoided additional electricity imports.

Energy in the United States is the driving force of our industries. The industrial base dominates the energy use scene in Louisiana; over half of all energy consumed is used in the industrial sector. Even small percentage changes have major impacts in the overall Louisiana energy consumption figures. Industrial energy use increased 121.6 TBTU in 1997.

The industrial natural gas consumption increased most dramatically over 1996. This energy use was up 79.7 TBTU. Natural gas represents 65% of the total industrial energy use increase . These figures show a resurgence in natural gas consumption. During this period the spot market prices for gas were at relative highs while spot market oil prices were on a slow decline. This suggests a degree of inelasticity of natural gas demand. Even though the price of gas goes up, there is only a limited amount of fuel switching in industry in the state.

The same can be said for the transportation sector. Fuel oil use was down and natural gas use was up significantly.

From our analysis of the energy production and use in Louisiana, if you exclude the federal offshore oil and gas producing province from our totals, Louisiana remains as it has been the past many years an energy consuming state.

LOUISIANA ENERGY PRODUCTION AND CONSUMPTION - 1997

ENERGY SOURCE	PRODUCTION		CONSUMPTION	NET STATE ENERGY PRODUCTION BY SOURCE Excluding OCS	Including OCS
PETROLEUM	STATE OIL*	763.3 TBTU[1] (131.6 MMBBL)	1592.1 TBTU[2] (303.9 MMBBL)	-828.8 TBTU	1488.5 TBTU
	LA. OCS OIL*	2317.3 TBTU[3] (399.5 MMBBL)			
NATURAL GAS	STATE GAS **	1781.5 TBTU[1] (1.593 TCF)	1855.0 TBTU[2] (1.659 TCF)	-73.5 TBTU	4216.9 TBTU
	LA. OCS GAS **	4290.4 TBTU[3] (3.837 TCF)			
COAL	LIGNITE	51.0 TBTU[2] (3.495 MMSTON)	225.4 TBTU[2] (13,874 MSTON)	-174.4 TBTU	-174.4 TBTU
NUCLEAR ELECTRIC POWER		143.5 TBTU[2] (13.511 Billion KWH)	143.5 TBTU[2] (13.511 Billion KWH)	0.0 TBTU	0.0 TBTU
HYDROELECTRIC, BIOFUELS & OTHER		142.0 TBTU[2]	142.0 TBTU[2]	0.0 TBTU	0.0 TBTU
NET INTERSTATE PURCHASES OF ELECTRICITY INCLUDING ASSOCIATED LOSSES			135.0 TBTU[2] (39.572 Billion KWH)	-135.0 TBTU	-135.0 TBTU
	NET STATE ENERGY PRODUCTION ALL SOURCES			-1,211.7 TBTU	5,396.0 TBTU

This balance indicated that in 1997, Louisiana was a net consumer of energy if OCS production were not credited to the state. Louisiana used 1,211.7 TBTU more energy than it produced. In 1997, the total Louisiana energy production was 9489.0 TBTU (2,881.4 TBTU if OCS is excluded), and consumption totaled 4,093.0 TBTU)

* Includes Condensate
** Includes Gas Plant Liquids

all units are in TBTU except where noted
DEFICIT(-)/SURPLUS(+)

TCF = Trillion Cubic Feet	OCS = Outer Continental Shelf
TBTU = Trillion BTU's	KWH = Kilowatt hour
MMBBL = Million Barrels	MMSTON = Million Short Tons

Data Sources: 1. Louisiana Department of Natural Resources
2. U.S. Department of Energy, Energy Information Administration, December 1998
3. U.S. Department of Interior, Minerals Management Services

05/26/00

Originally Published in July 2000 Louisiana Energy Facts

SELECTED LOUISIANA ENERGY STATISTICS

Among the 50 states, Louisiana's rankings (in 1999 unless otherwise indicated) were:

PRIMARY ENERGY PRODUCTION

(Including Louisiana OCS)

1ST in total energy
2ND in natural gas
2ND in crude oil

PRIMARY ENERGY PRODUCTION

(Excluding Louisiana OCS)

4TH in natural gas
4TH in crude oil
7TH in total energy

REFINING AND PETROCHEMICALS

2ND in refining capacity
2ND in primary petrochemical production

ENERGY CONSUMPTION (1997)

2ND in industrial energy
2ND in per capita energy
3RD in natural gas
4TH in petroleum
5TH in total energy
23RD in residential energy

PRODUCTION

State controlled (i.e., excluding OCS) natural gas production peaked at 5.6 TCF per year in 1970, declined to 1.5 TCF in 1995, and rebounded 4.5% to 1.6 TCF in 1996. The 1998 gas production was approximately 1.5 TCF and the 1999 production was around 1.4 TCF.

State controlled gas production is on a long term decline rate of 3.8% per year, though the current short term (2000-2004) forecast decline is around 4.7% per year.

State controlled crude oil and condensate production peaked at 566 million barrels per year in 1970, declined to 127 million barrels in 1994, recovered to 134 million barrels in 1996 and declined to 115 million barrels in 1999.

State controlled crude oil production is on a long term decline rate of 4.4% per year, though the current short term (2000-2004) forecast decline is around 5.8% per year. If oil stays around $25.00 per barrel, the decline will remain as predicted. If the price holds consistently above $25.00 per barrel, the decline rate may be lower.

Louisiana OCS (federal) territory is the most extensively developed and matured OCS territory in the US.

Louisiana OCS territory has produced 88.7% of the 12.0 billion barrels of crude oil and condensate and 82.8% of the 131 TCF of natural gas extracted from all federal OCS territories from the beginning of time through the end of 1998.

Louisiana OCS gas production peaked at 4.16 TCF per year in 1979, declined to 3.0 TCF in 1989, and rose to 3.97 TCF in 1998.

Louisiana OCS crude oil and condensate production first peaked at 388 million barrels per year in 1972 and declined to 246 million barrels in 1989. In this decade the production has steadily risen from 264 million barrels in 1990 to 418 million barrels in 1998 due to the development of deep water drilling.

REVENUE

At the peak in Fiscal Year (FY) 1981/82, oil and gas revenues from severance, royalties and bonuses amounted to $1.6 billion, or 41% of total state taxes, licenses and fees. For FY1999/00, these revenues are estimated to be in the vicinity of $650 million or about 11% of total estimated taxes, licenses and fees.

At constant production, the State Treasury gains or loses about $18 million of direct revenue from oil severance taxes and royalty payments for every $1 per barrel change in oil prices. This figure rises to $23 to $28 million per dollar change when indirect revenue impacts are included (e.g., income tax, sales tax, etc.).

DRILLING ACTIVITY

Drilling permits issued on state controlled territory peaked at 7,631 permits in 1984 and declined to a low of 1,065 permits in 1995. In 1997 it went up to 1,562 permits and in 1999 fell down to 1,017 drilling permits.

The average active rotary rig count for Louisiana, excluding OCS, reached a high of 386 rigs in 1981 and reached a low of 64 rigs in 1993. There were 120 active rigs in 1997, 92 active rigs in 1998, and 65 active rigs in 1999.

In 1999, the average active rotary rig count for Louisiana OCS was 76 active rigs, the previous active rotary rigs high was 92 rigs recorded in 1998. The 1999 rigs average was 16.6% lower than the 1998 average of 92 active rotary rigs.

Note: Louisiana OCS or Outer Continental Shelf is federal offshore territory adjacent to Louisiana's coast beyond the three mile limit of the state's offshore boundary.

TCF= trillion cubic feet