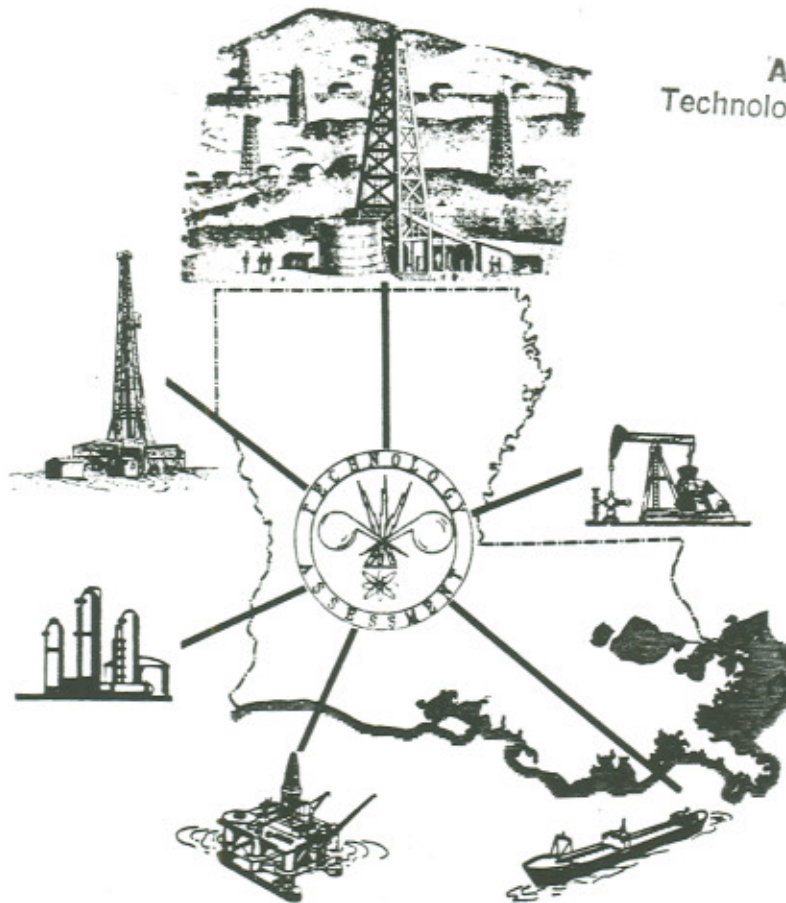


# LOUISIANA ENERGY FACTS ANNUAL 1991

Department of Natural Resources

John F. Ales  
Secretary of Natural Resources



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Technology Assessment Division

DNR

Technology Assessment Division

T. Michael French, Director  
William J. Delmar, Jr., Assistant Director  
Manuel L. Lam, Senior Analyst  
Phyllis S. Ortego, Editor

October 15, 1992

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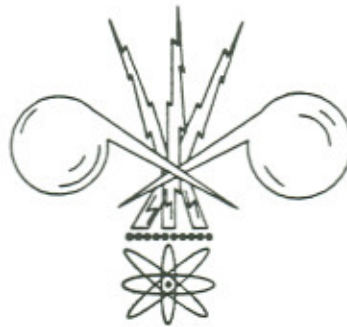
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## **1991**

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## INTRODUCTION

Many of the recipients of this publication are also users of our monthly publication, Louisiana Energy Facts. The Energy Facts Annual-1991 contains all of the information and data of the monthly Facts issues of January through December of 1991. Once the Annual is issued each year, it will no longer be necessary to save the monthly issues from the previous calendar year. Data in the Annual is more current, as some preliminary data has been updated or revised since publication in the monthly Facts.

We hope you will find this Annual useful, and we welcome any comments you may have.





TABLE 1

LOUISIANA STATE CRUDE OIL PRODUCTION  
Excluding Federal OCS and State Condensate  
(Barrels)

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	43,264,126	367,692,167	64,580,312	475,536,605
1971	42,265,933	367,611,730	63,011,646	472,889,309
1972	40,577,605	333,909,822	65,180,877	439,668,304
1973	36,226,986	293,292,928	49,794,736	379,314,650
1974	35,454,400	246,327,845	42,399,559	324,181,804
1975	34,072,947	211,500,323	37,017,114	282,590,384
1976	34,843,495	190,567,868	34,695,350	260,106,713
1977	33,548,990	169,446,753	30,477,122	233,472,865
1978	31,666,528	151,493,817	28,840,730	212,001,075
1979	28,831,653	130,427,990	25,990,326 <sup>R</sup>	185,249,969 <sup>R</sup>
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 <sup>R</sup>	97,853,602 <sup>R</sup>	24,619,169 <sup>R</sup>	149,268,519 <sup>R</sup>
1987	25,036,758 <sup>R</sup>	95,476,492 <sup>R</sup>	23,372,480 <sup>R</sup>	143,885,730 <sup>R</sup>
1988	23,958,703 <sup>R</sup>	88,673,893 <sup>R</sup>	22,792,851 <sup>R</sup>	135,425,447 <sup>R</sup>
1989	22,224,981 <sup>R</sup>	78,275,666 <sup>R</sup>	20,869,917 <sup>R</sup>	121,370,564 <sup>R</sup>
January	1,947,127 <sup>R</sup>	6,182,560 <sup>R</sup>	1,652,756 <sup>R</sup>	9,782,443 <sup>R</sup>
February	1,764,879 <sup>R</sup>	5,678,768 <sup>R</sup>	1,605,831 <sup>R</sup>	9,049,478 <sup>R</sup>
March	1,963,856 <sup>R</sup>	6,274,912 <sup>R</sup>	1,765,889 <sup>R</sup>	10,004,657 <sup>R</sup>
April	1,867,204 <sup>R</sup>	6,103,857 <sup>R</sup>	1,736,556 <sup>R</sup>	9,707,617 <sup>R</sup>
May	1,917,408 <sup>R</sup>	6,225,302 <sup>R</sup>	1,691,060 <sup>R</sup>	9,833,770 <sup>R</sup>
June	1,833,303 <sup>R</sup>	5,929,192 <sup>R</sup>	1,756,987 <sup>R</sup>	9,519,482 <sup>R</sup>
July	1,850,099 <sup>R</sup>	6,160,679 <sup>R</sup>	1,888,883 <sup>R</sup>	9,899,661 <sup>R</sup>
August	1,878,184 <sup>R</sup>	5,989,071 <sup>R</sup>	1,871,682 <sup>R</sup>	9,738,937 <sup>R</sup>
September	1,904,866 <sup>R</sup>	5,976,621 <sup>R</sup>	1,759,066 <sup>R</sup>	9,640,553 <sup>R</sup>
October	1,925,148 <sup>R</sup>	5,999,618 <sup>R</sup>	1,883,081 <sup>R</sup>	9,807,847 <sup>R</sup>
November	1,811,636 <sup>R</sup>	5,730,100 <sup>R</sup>	1,775,183 <sup>R</sup>	9,316,919 <sup>R</sup>
December	1,782,262 <sup>R</sup>	5,767,223 <sup>R</sup>	1,741,469 <sup>R</sup>	9,290,954 <sup>R</sup>
1990 TOTAL	22,445,972 <sup>R</sup>	72,017,903 <sup>R</sup>	21,128,443 <sup>R</sup>	115,592,318 <sup>R</sup>
January	1,960,252	5,828,258	1,945,744	9,734,254
February	1,817,642	5,454,320	1,870,225	9,142,187
March	1,822,261	6,018,843	1,885,076	9,726,180
April	1,813,236	5,797,413	1,973,358	9,584,007
May	1,845,114	5,932,200	1,986,773	9,764,087
June	1,843,974	5,611,471	1,957,629	9,413,074
July	1,884,294	5,797,322	1,942,908	9,624,524
August	1,812,614	5,895,254	1,913,032	9,620,900
September	2,183,612	5,779,032	1,746,289	9,708,933
October	1,937,035	5,823,437	1,631,931	9,392,403
November	1,852,794	5,744,385	1,600,419	9,197,598
December	1,931,343	5,864,205	2,046,577	9,842,125
1991 TOTAL	22,704,171	69,546,140	22,499,961	114,750,272

<sup>R</sup>Revised



TABLE 2

LOUISIANA STATE CONDENSATE PRODUCTION  
Excluding Federal OCS  
(Barrels)

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	4,086,770	78,716,261	8,076,137	90,879,171
1971	3,720,015	71,775,491	7,094,330	82,589,836
1972	3,622,897	67,610,686	6,020,191	77,253,777
1973	3,478,226	63,526,253	5,178,153	72,182,635
1974	3,243,520	53,978,333	4,302,137	61,523,992
1975	3,199,729	45,922,653	3,967,783	53,090,169
1976	3,552,038	41,495,384	3,662,830	48,710,254
1977	3,678,121	39,698,090	3,327,558	46,703,775
1978	3,736,714	36,763,098	3,524,770	44,024,582
1979	3,378,399 <sup>R</sup>	35,213,787 <sup>R</sup>	3,369,666 <sup>R</sup>	41,961,852 <sup>R</sup>
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 <sup>R</sup>	26,709,496 <sup>R</sup>	2,176,970 <sup>R</sup>	31,642,215 <sup>R</sup>
1987	2,512,024 <sup>R</sup>	25,594,838	1,811,598 <sup>R</sup>	29,918,460 <sup>R</sup>
1988	2,718,031 <sup>R</sup>	26,401,604 <sup>R</sup>	1,700,428 <sup>R</sup>	30,820,063 <sup>R</sup>
1989	2,943,821 <sup>R</sup>	26,446,428 <sup>R</sup>	1,835,017 <sup>R</sup>	31,225,266 <sup>R</sup>
January	293,146 <sup>R</sup>	2,321,534 <sup>R</sup>	135,641 <sup>R</sup>	2,750,321 <sup>R</sup>
February	255,875 <sup>R</sup>	2,081,711 <sup>R</sup>	135,972 <sup>R</sup>	2,473,558 <sup>R</sup>
March	296,625 <sup>R</sup>	2,230,687 <sup>R</sup>	147,189 <sup>R</sup>	2,674,501 <sup>R</sup>
April	265,427 <sup>R</sup>	2,101,051 <sup>R</sup>	146,421 <sup>R</sup>	2,512,899 <sup>R</sup>
May	289,434 <sup>R</sup>	2,039,491 <sup>R</sup>	160,074 <sup>R</sup>	2,488,999 <sup>R</sup>
June	268,522 <sup>R</sup>	3,642,861 <sup>R</sup>	152,597 <sup>R</sup>	4,063,980 <sup>R</sup>
July	288,661 <sup>R</sup>	2,151,374 <sup>R</sup>	152,339 <sup>R</sup>	2,592,374 <sup>R</sup>
August	275,547 <sup>R</sup>	2,159,929 <sup>R</sup>	140,408 <sup>R</sup>	2,575,884 <sup>R</sup>
September	253,947 <sup>R</sup>	2,063,655 <sup>R</sup>	139,354 <sup>R</sup>	2,456,956 <sup>R</sup>
October	269,509 <sup>R</sup>	2,259,825 <sup>R</sup>	128,907 <sup>R</sup>	2,658,241 <sup>R</sup>
November	289,431 <sup>R</sup>	2,228,869 <sup>R</sup>	128,894 <sup>R</sup>	2,647,194 <sup>R</sup>
December	310,430 <sup>R</sup>	2,321,216 <sup>R</sup>	133,302 <sup>R</sup>	2,764,948 <sup>R</sup>
1990 TOTAL	3,356,554 <sup>R</sup>	27,602,203 <sup>R</sup>	1,701,098 <sup>R</sup>	32,659,855 <sup>R</sup>
January	327,891	2,346,799	145,652	2,820,342
February	324,326	2,166,261	126,435	2,617,022
March	319,334	2,306,147	148,398	2,773,879
April	332,676	2,248,757	155,912	2,737,345
May	377,483	2,205,204	153,825	2,736,512
June	354,735	2,103,038	140,522	2,598,295
July	384,061	2,045,400	128,589	2,558,050
August	303,544	2,471,374	141,750	2,916,668
September	303,349	2,087,003	126,660	2,517,012
October	349,900	2,236,520	137,642	2,724,062
November	350,338	2,220,057	150,961	2,721,356
December	351,174	2,289,716	159,553	2,800,443
1991 TOTAL	4,078,811	26,726,276	1,715,899	32,520,986

<sup>R</sup>Revised



TABLE 3

LOUISIANA STATE OIL PRODUCTION  
CRUDE OIL AND CONDENSATE  
Excluding Federal OCS  
(Barrels)

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	47,350,896	446,408,428	72,656,449	566,415,776
1971	45,985,948	439,387,221	70,105,977	555,479,145
1972	44,200,502	401,520,508	71,201,068	516,922,080
1973	39,705,212	356,819,181	54,972,889	451,497,285
1974	38,697,920	300,306,178	46,701,696	385,705,797
1975	37,272,676	257,422,976	40,984,897	335,680,553
1976	38,395,533	232,063,252	38,358,180	308,816,967
1977	37,227,111	209,144,843	33,804,680	280,176,640
1978	35,403,242	188,256,914	32,365,500	256,025,656 <sup>R</sup>
1979	32,210,052 <sup>R</sup>	165,641,777 <sup>R</sup>	29,359,992 <sup>R</sup>	227,211,821 <sup>R</sup>
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 <sup>R</sup>	124,563,098 <sup>R</sup>	26,796,139 <sup>R</sup>	180,910,734 <sup>R</sup>
1987	27,548,782 <sup>R</sup>	121,071,330 <sup>R</sup>	25,184,078 <sup>R</sup>	173,804,190 <sup>R</sup>
1988	26,676,734 <sup>R</sup>	115,075,497 <sup>R</sup>	24,493,279 <sup>R</sup>	166,245,510 <sup>R</sup>
1989	25,168,802 <sup>R</sup>	104,722,094 <sup>R</sup>	22,704,934 <sup>R</sup>	152,595,830 <sup>R</sup>
January	2,240,273 <sup>R</sup>	8,504,094 <sup>R</sup>	1,788,397 <sup>R</sup>	12,532,764 <sup>R</sup>
February	2,020,754 <sup>R</sup>	7,760,479 <sup>R</sup>	1,741,803 <sup>R</sup>	11,523,036 <sup>R</sup>
March	2,260,481 <sup>R</sup>	8,505,599 <sup>R</sup>	1,913,078 <sup>R</sup>	12,679,158 <sup>R</sup>
April	2,132,631 <sup>R</sup>	8,204,908 <sup>R</sup>	1,882,977 <sup>R</sup>	12,220,516 <sup>R</sup>
May	2,206,842 <sup>R</sup>	8,264,793 <sup>R</sup>	1,851,134 <sup>R</sup>	12,322,769 <sup>R</sup>
June	2,101,825 <sup>R</sup>	9,572,053 <sup>R</sup>	1,909,584 <sup>R</sup>	13,583,462 <sup>R</sup>
July	2,138,760 <sup>R</sup>	8,312,053 <sup>R</sup>	2,041,222 <sup>R</sup>	12,492,035 <sup>R</sup>
August	2,153,731 <sup>R</sup>	8,149,000 <sup>R</sup>	2,012,090 <sup>R</sup>	12,314,821 <sup>R</sup>
September	2,158,813 <sup>R</sup>	8,040,276 <sup>R</sup>	1,898,420 <sup>R</sup>	12,097,509 <sup>R</sup>
October	2,194,657 <sup>R</sup>	8,259,443 <sup>R</sup>	2,011,988 <sup>R</sup>	12,466,088 <sup>R</sup>
November	2,101,067 <sup>R</sup>	7,958,969 <sup>R</sup>	1,904,077 <sup>R</sup>	11,964,113 <sup>R</sup>
December	2,092,692 <sup>R</sup>	8,088,439 <sup>R</sup>	1,874,771 <sup>R</sup>	12,055,902 <sup>R</sup>
1990 TOTAL	25,802,526 <sup>R</sup>	99,620,106 <sup>R</sup>	22,829,541 <sup>R</sup>	148,252,173 <sup>R</sup>
January	2,288,143	8,175,057	2,091,396	12,554,596
February	2,141,968	7,620,581	1,996,660	11,759,209
March	2,141,595	8,324,990	2,033,474	12,500,059
April	2,145,912	8,046,170	2,129,270	12,321,352
May	2,222,597	8,137,404	2,140,598	12,500,599
June	2,198,709	7,714,509	2,098,151	12,011,369
July	2,268,355	7,842,722	2,071,497	12,182,574
August	2,116,158	8,366,628	2,054,782	12,537,568
September	2,486,961	7,866,035	1,872,949	12,225,945
October	2,286,935	8,059,957	1,769,573	12,116,465
November	2,203,132	7,964,442	1,751,380	11,918,954
December	2,282,517	8,153,921	2,206,130	12,642,568
1991 TOTAL	26,782,982	96,272,416	24,215,860	147,271,258

<sup>R</sup>Revised

DNR Technology Assessment Division



TABLE 4

LOUISIANA TOTAL OIL PRODUCTION  
CRUDE OIL AND CONDENSATE  
(Barrels)

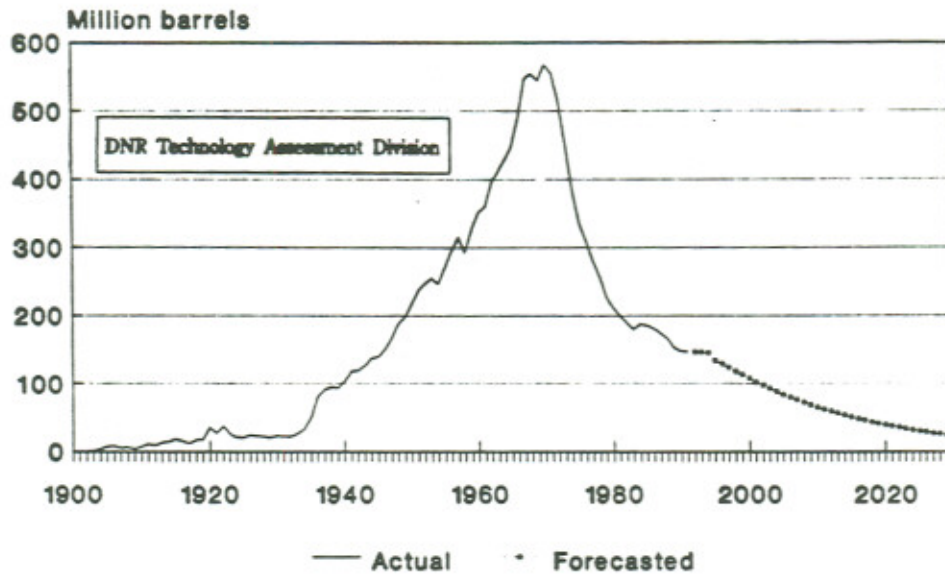
DATE	ONSHORE	-----OFFSHORE-----		TOTAL
		STATE	FEDERAL OCS <sup>11</sup>	
1970	493,759,324	72,656,449	333,411,492	899,827,265
1971	485,373,169	70,105,977	385,760,351	941,239,497
1972	445,721,011	71,201,068	387,590,662	904,512,740
1973	396,524,393	54,972,889	374,196,856	825,694,138
1974	339,004,098	46,701,696	342,435,496	728,141,290
1975	294,695,652	40,984,897	313,592,559	649,273,108
1976	270,458,786	38,358,180	301,887,002	610,703,968
1977	246,371,954	33,804,680	290,771,605	570,948,239
1978	223,660,156 <sup>R</sup>	32,365,500	278,071,535	534,097,191 <sup>R</sup>
1979	197,851,829 <sup>R</sup>	29,359,992 <sup>R</sup>	271,008,916	498,220,737 <sup>R</sup>
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 <sup>R</sup>	26,796,139 <sup>R</sup>	340,152,276	521,063,010 <sup>R</sup>
1987	148,620,112 <sup>R</sup>	25,184,078 <sup>R</sup>	307,950,881	481,755,071 <sup>R</sup>
1988	141,752,231 <sup>R</sup>	24,493,279 <sup>R</sup>	261,936,530	428,182,040 <sup>R</sup>
1989	129,890,896 <sup>R</sup>	22,704,934 <sup>R</sup>	246,207,653	398,803,483 <sup>R</sup>
January	10,744,367 <sup>R</sup>	1,788,397 <sup>R</sup>	23,529,584 <sup>R</sup>	36,062,348 <sup>R</sup>
February	9,781,233 <sup>R</sup>	1,741,803 <sup>R</sup>	20,503,167 <sup>R</sup>	32,026,203 <sup>R</sup>
March	10,766,080 <sup>R</sup>	1,913,078 <sup>R</sup>	21,817,965 <sup>R</sup>	34,497,123 <sup>R</sup>
April	10,337,539 <sup>R</sup>	1,882,977 <sup>R</sup>	21,662,551 <sup>R</sup>	33,883,067 <sup>R</sup>
May	10,471,635 <sup>R</sup>	1,851,134 <sup>R</sup>	21,568,267 <sup>R</sup>	33,891,036 <sup>R</sup>
June	11,673,878 <sup>R</sup>	1,909,584 <sup>R</sup>	21,150,723 <sup>R</sup>	34,734,185 <sup>R</sup>
July	10,450,813 <sup>R</sup>	2,041,222 <sup>R</sup>	22,037,615 <sup>R</sup>	34,529,650 <sup>R</sup>
August	10,302,731 <sup>R</sup>	2,012,090 <sup>R</sup>	22,724,542 <sup>R</sup>	35,039,363 <sup>R</sup>
September	10,199,089 <sup>R</sup>	1,898,420 <sup>R</sup>	20,934,180 <sup>R</sup>	33,031,689 <sup>R</sup>
October	10,454,100 <sup>R</sup>	2,011,988 <sup>R</sup>	23,235,334 <sup>R</sup>	35,701,422 <sup>R</sup>
November	10,060,036 <sup>R</sup>	1,904,077 <sup>R</sup>	22,381,597 <sup>R</sup>	34,345,710 <sup>R</sup>
December	10,181,131 <sup>R</sup>	1,874,771 <sup>R</sup>	23,025,008 <sup>R</sup>	35,080,910 <sup>R</sup>
1990 TOTAL	125,422,632 <sup>R</sup>	22,829,541 <sup>R</sup>	264,670,535 <sup>R</sup>	412,922,708 <sup>R</sup>
January	10,463,200	2,091,396	21,587,843	34,142,439
February	9,762,549	1,996,660	21,026,303	32,785,512
March	10,466,585	2,033,474	23,654,591	36,154,650
April	10,192,082	2,129,270	23,546,135	35,867,487
May	10,360,001	2,140,598	24,466,492	36,967,091
June	9,913,218	2,098,151	23,624,183	35,635,552
July	10,111,077	2,071,497	23,962,728	36,145,302
August	10,482,786	2,054,782	23,769,129	36,306,697
September	10,352,996	1,872,949	24,585,084	36,811,029
October	10,346,892	1,769,573	26,002,109	38,118,574
November	10,167,574	1,751,380	25,204,399	37,123,353
December	10,436,438	2,206,130	26,480,533	39,123,101
1991 TOTAL	123,055,398	24,215,860	287,909,530	435,180,788

<sup>R</sup>Revised

Note: The 1990 OCS production values are estimated from DOE's production figures.  
See footnotes in Appendix A.

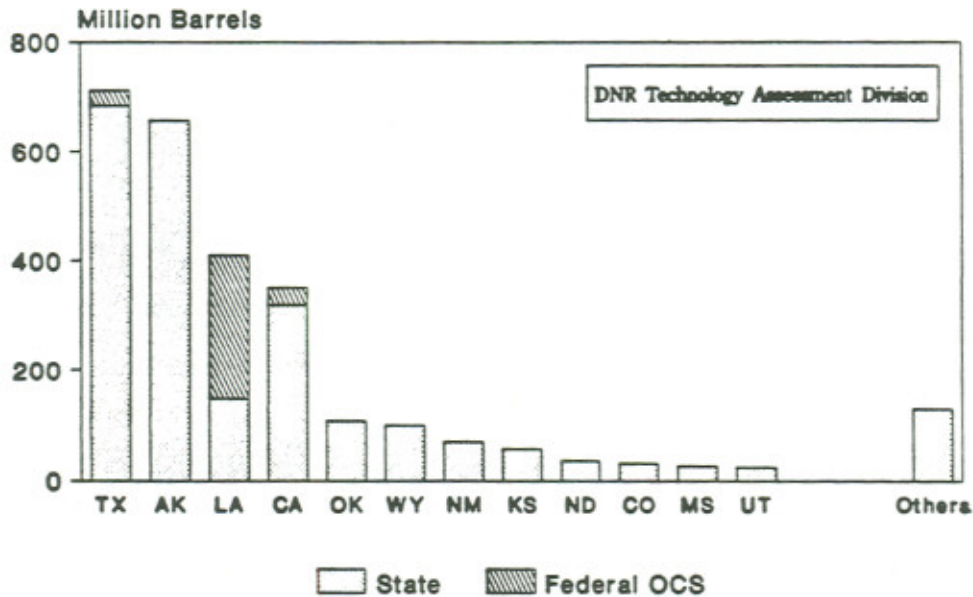
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**FIGURE 1**  
**LOUISIANA STATE OIL PRODUCTION**  
**ACTUAL AND FORECASTED THROUGH YEAR 2030**



Condensate oil included  
 Federal OCS excluded

**FIGURE 2**  
**1991 UNITED STATES OIL PRODUCTION**  
**BY STATE**



SOURCE: U.S. Department of Energy



TABLE 5

LOUISIANA CRUDE OIL AND CONDENSATE SEVERANCE TAX VOLUMES<sup>7</sup>  
(Barrels)

<u>DATE</u>	<u>FULL RATE</u>	<u>INCAPABLE WELL RATE</u>	<u>STRIPPER WELL RATE</u>	<u>TAXED VOLUME</u>
1970	N/A	N/A	N/A	525,670,228
1971	N/A	N/A	N/A	517,281,402
1972	N/A	N/A	N/A	513,886,345
1973	N/A	N/A	N/A	468,114,075
1974	N/A	N/A	N/A	400,763,777
1975	331,502,123	2,352,082	6,624,508	340,478,712
1976	300,896,349	2,191,464	8,064,555	311,152,365
1977	272,300,080	2,536,223	7,806,470	282,642,770
1978	247,355,532	2,494,756	7,797,695	257,647,988
1979	216,097,568	2,768,062	7,726,193	226,591,822
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
January	8,170,802	216,800	519,204	8,906,806
February	13,579,127	326,035	646,524	14,551,687
March	10,920,401	265,699	569,203	11,755,302
April	11,247,626	259,057	601,835	12,108,518
May	11,514,030	298,533	564,958	12,378,236
June	7,349,367	141,608	466,875	7,957,850
July	14,726,835	246,627	710,301	15,683,763
August	10,160,295	252,860	499,723	10,912,877
September	12,343,272	319,764	681,440	13,351,214
October	10,742,047	313,359	658,931	11,714,834
November	10,398,964	322,128	622,149	11,343,394
December	9,987,683	312,304	612,983	10,913,127
1990 TOTAL	131,140,448	3,274,774	7,154,125	141,577,610
January	14,262,463	369,610	709,381	15,341,632
February	10,734,173	318,052	672,175	11,726,129
March	10,276,207	290,223	637,315	11,204,952
April	13,154,936	387,051	794,714	14,336,701
May	11,223,120	322,689	695,613	12,241,946
June	9,510,186	304,282	590,222	10,404,691
July	12,971,595	334,555	677,552	13,984,063
August	10,514,006	290,427	714,351	11,518,961
September	11,551,004	316,410	695,335	12,562,749
October	9,759,917	328,098	652,785	10,740,800
November	12,649,155	335,311	656,090	13,641,161
December	9,605,759	291,419	616,583	10,516,667
1991 TOTAL	136,212,521	3,888,128	8,112,117	148,220,451

See footnotes in Appendix A.



TABLE 6

UNITED STATES CRUDE OIL AND CONDENSATE PRODUCTION AND IMPORTS  
(Thousand Barrels)

DATE	ALL FEDERAL <sup>11</sup>	TOTAL <sup>6</sup>	IMPORTS <sup>6</sup>
	OCS		
1970	360,646	3,517,500	483,293
1971	418,549	3,453,900	613,417
1972	411,886	3,455,400	811,135
1973	394,730	3,360,900	1,183,966
1974	360,594	3,202,600	1,269,155
1975	330,237	3,056,800	1,498,181
1976	316,920	2,976,200	1,935,012
1977	303,948	3,009,300	2,414,327
1978	292,265	3,178,200	2,319,826
1979	285,566	3,121,300	2,379,541
1980	277,389	3,146,502	1,926,258
1981	289,765	3,128,624	1,604,704
1982	321,211	3,156,715	1,273,212
1983	348,331	3,170,999	1,215,224
1984	370,239	3,249,696	1,253,949
1985	389,324	3,274,553	1,168,299
1986	389,216	3,167,252	1,524,978
1987	366,142	3,047,377	1,705,922
1988	320,667	2,979,126	1,868,805
1989	305,168	2,778,772	2,132,761
January	28,378 <sup>R</sup>	233,931 <sup>R</sup>	192,572 <sup>R</sup>
February	25,479 <sup>R</sup>	209,923 <sup>R</sup>	165,046 <sup>R</sup>
March	27,711 <sup>R</sup>	230,434 <sup>R</sup>	189,625 <sup>R</sup>
April	27,659 <sup>R</sup>	222,215 <sup>R</sup>	174,393 <sup>R</sup>
May	27,293 <sup>R</sup>	227,179 <sup>R</sup>	200,067 <sup>R</sup>
June	25,993 <sup>R</sup>	213,175 <sup>R</sup>	192,704 <sup>R</sup>
July	27,249 <sup>R</sup>	222,371 <sup>R</sup>	212,514 <sup>R</sup>
August	27,139 <sup>R</sup>	225,886 <sup>R</sup>	200,000 <sup>R</sup>
September	25,922 <sup>R</sup>	216,715 <sup>R</sup>	169,907 <sup>R</sup>
October	27,719 <sup>R</sup>	233,799 <sup>R</sup>	159,080
November	26,465 <sup>R</sup>	221,598 <sup>R</sup>	152,549 <sup>R</sup>
December	27,417 <sup>R</sup>	227,483 <sup>R</sup>	142,930
1990 TOTAL	324,423 <sup>R</sup>	2,684,709 <sup>R</sup>	2,151,387 <sup>R</sup>
January	26,421	232,498	164,167
February	23,860	213,836	153,588
March	26,211	233,926	160,149
April	26,499	225,256	165,677
May	26,925	229,670	197,257
June	26,056	219,610	190,019
July	27,255	227,756	184,597
August	27,148	226,801	205,988
September	27,230	221,029	174,347
October	29,147	230,557	176,182
November	27,202	219,833	165,853
December	29,320	226,267	172,508
1991 TOTAL	323,274	2,707,039	2,110,332

<sup>R</sup>Revised

See footnotes in Appendix A.

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TABLE 7

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

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	403,946,538	3,817,361,693	549,960,194	4,771,268,273
1971	368,528,436	3,773,335,033	542,726,215	4,684,589,683
1972	379,990,285	3,753,810,544	528,116,944	4,661,917,869
1973	361,558,498	3,478,045,408	491,750,423	4,331,354,319
1974	323,453,398	3,071,861,535	459,030,720	3,854,345,600
1975	301,887,189	2,608,074,710	461,823,702	3,371,785,579
1976	305,008,371	2,358,362,638	469,995,985	3,133,366,927
1977	299,677,274	2,220,671,254	450,666,115	2,971,014,560
1978	281,294,066	2,060,987,405	460,027,607	2,802,309,078
1979	318,678,322 <sup>R</sup>	1,956,099,964 <sup>R</sup>	451,195,720 <sup>R</sup>	2,725,974,006 <sup>R</sup>
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 <sup>R</sup>	1,125,245,664 <sup>R</sup>	216,313,931 <sup>R</sup>	1,655,313,282 <sup>R</sup>
1987	307,115,420 <sup>R</sup>	1,055,195,652 <sup>R</sup>	201,763,178 <sup>R</sup>	1,564,074,250 <sup>R</sup>
1988	325,963,115 <sup>R</sup>	1,067,940,357 <sup>R</sup>	193,310,392 <sup>R</sup>	1,587,213,864 <sup>R</sup>
1989	338,950,374	1,044,297,352	182,501,789	1,565,749,515 <sup>R</sup>
January	31,044,089 <sup>R</sup>	90,197,584 <sup>R</sup>	16,479,535 <sup>R</sup>	137,721,208 <sup>R</sup>
February	26,628,708 <sup>R</sup>	81,448,019 <sup>R</sup>	14,363,678 <sup>R</sup>	122,440,405 <sup>R</sup>
March	31,100,723 <sup>R</sup>	86,508,683 <sup>R</sup>	15,995,100 <sup>R</sup>	133,604,506 <sup>R</sup>
April	28,836,866 <sup>R</sup>	80,988,077 <sup>R</sup>	14,407,177 <sup>R</sup>	124,232,120 <sup>R</sup>
May	30,581,790 <sup>R</sup>	81,441,399 <sup>R</sup>	14,744,697 <sup>R</sup>	126,767,886 <sup>R</sup>
June	29,765,135 <sup>R</sup>	80,631,868 <sup>R</sup>	13,786,035 <sup>R</sup>	124,183,038 <sup>R</sup>
July	30,309,587 <sup>R</sup>	86,000,509 <sup>R</sup>	13,541,241 <sup>R</sup>	129,851,337 <sup>R</sup>
August	30,717,577 <sup>R</sup>	85,056,585 <sup>R</sup>	12,886,177 <sup>R</sup>	128,660,339 <sup>R</sup>
September	28,823,744 <sup>R</sup>	81,779,793 <sup>R</sup>	11,261,700 <sup>R</sup>	121,865,237 <sup>R</sup>
October	26,539,105 <sup>R</sup>	88,710,713 <sup>R</sup>	10,505,040 <sup>R</sup>	125,754,858 <sup>R</sup>
November	26,792,703 <sup>R</sup>	87,530,632 <sup>R</sup>	10,063,802 <sup>R</sup>	124,387,137 <sup>R</sup>
December	27,260,836 <sup>R</sup>	89,657,812 <sup>R</sup>	10,091,170 <sup>R</sup>	127,009,818 <sup>R</sup>
1990 TOTAL	348,400,863 <sup>R</sup>	1,019,951,674 <sup>R</sup>	158,125,352 <sup>R</sup>	1,526,477,889 <sup>R</sup>
January	30,725,175	93,773,348	12,393,883	136,892,406
February	27,907,967	83,778,654	10,863,079	122,549,700
March	29,200,386	91,437,812	12,143,463	132,781,661
April	28,948,796	88,778,338	11,929,264	129,656,398
May	30,078,659	85,390,094	11,512,580	126,981,333
June	29,287,192	83,624,556	9,824,591	122,736,339
July	28,672,384	80,899,423	8,921,295	118,493,102
August	28,312,272	80,299,840	9,544,447	118,156,559
September	27,890,735	76,956,847	9,089,484	113,937,066
October	29,104,646	84,856,027	11,109,798	125,070,471
November	28,220,322	87,123,558	11,484,312	126,828,192
December	29,446,389	91,795,847	11,428,803	132,671,039
1991 TOTAL	347,794,923	1,028,714,344	130,244,999	1,506,754,266

<sup>R</sup>Revised



TABLE 8

LOUISIANA STATE CASINGHEAD GAS PRODUCTION  
Excluding Federal OCS

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

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	51,361,205	608,220,808	66,007,346	725,589,348
1971	47,690,628	580,984,607	76,843,380	705,518,639
1972	43,022,392	530,087,798	82,453,049	655,563,172
1973	37,854,972	436,389,199	65,042,853	539,287,015
1974	35,988,202	339,544,264	57,901,180	433,433,635
1975	39,365,666	297,273,123	47,659,685	384,298,468
1976	42,727,221	273,525,032	42,938,947	359,191,184
1977	48,518,052	246,986,172	35,430,093	330,934,328
1978	51,844,748	218,284,388	29,701,044	299,830,180
1979	40,787,977 <sup>R</sup>	183,313,733 <sup>R</sup>	25,769,504 <sup>R</sup>	249,871,214 <sup>R</sup>
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 <sup>R</sup>	110,422,742 <sup>R</sup>	33,507,683 <sup>R</sup>	199,152,323 <sup>R</sup>
1987	53,856,458 <sup>R</sup>	111,715,474 <sup>R</sup>	29,145,755 <sup>R</sup>	194,717,687 <sup>R</sup>
1988	51,713,587 <sup>R</sup>	111,548,808 <sup>R</sup>	22,788,966 <sup>R</sup>	186,051,361 <sup>R</sup>
1989	43,151,092 <sup>R</sup>	95,472,705 <sup>R</sup>	22,389,901 <sup>R</sup>	161,013,698 <sup>R</sup>
January	3,278,925 <sup>R</sup>	7,782,209 <sup>R</sup>	1,775,351 <sup>R</sup>	12,836,485 <sup>R</sup>
February	3,142,965 <sup>R</sup>	7,151,663 <sup>R</sup>	1,654,885 <sup>R</sup>	11,949,513 <sup>R</sup>
March	3,556,481 <sup>R</sup>	8,059,384 <sup>R</sup>	1,610,610 <sup>R</sup>	13,226,475 <sup>R</sup>
April	3,293,605 <sup>R</sup>	8,002,693 <sup>R</sup>	1,517,802 <sup>R</sup>	12,814,100 <sup>R</sup>
May	3,443,770 <sup>R</sup>	7,942,554 <sup>R</sup>	1,509,297 <sup>R</sup>	12,895,621 <sup>R</sup>
June	3,276,553 <sup>R</sup>	7,764,107 <sup>R</sup>	1,641,147 <sup>R</sup>	12,681,807 <sup>R</sup>
July	3,201,561 <sup>R</sup>	7,864,819 <sup>R</sup>	1,754,839 <sup>R</sup>	12,821,219 <sup>R</sup>
August	1,800,843 <sup>R</sup>	7,733,534 <sup>R</sup>	1,828,509 <sup>R</sup>	11,362,886 <sup>R</sup>
September	3,286,514 <sup>R</sup>	7,639,906 <sup>R</sup>	1,909,771 <sup>R</sup>	12,836,191 <sup>R</sup>
October	3,370,978 <sup>R</sup>	7,919,395 <sup>R</sup>	1,926,746 <sup>R</sup>	13,217,119 <sup>R</sup>
November	1,641,195 <sup>R</sup>	7,865,579 <sup>R</sup>	1,753,741 <sup>R</sup>	11,260,515 <sup>R</sup>
December	1,476,799 <sup>R</sup>	7,558,059 <sup>R</sup>	1,654,998 <sup>R</sup>	10,689,856 <sup>R</sup>
1990 TOTAL	34,770,189 <sup>R</sup>	93,283,902 <sup>R</sup>	20,537,696 <sup>R</sup>	148,591,787 <sup>R</sup>
January	3,324,822	7,544,536	1,834,645	12,704,003
February	3,094,587	6,994,003	1,725,192	11,813,782
March	3,420,032	7,740,075	1,949,187	13,109,294
April	3,230,722	7,517,971	1,815,385	12,564,078
May	3,225,259	7,783,218	1,846,739	12,855,216
June	3,191,705	7,595,201	1,672,440	12,459,346
July	3,151,064	7,736,341	1,686,979	12,574,384
August	3,047,937	8,175,858	1,583,334	12,807,129
September	2,754,363	7,931,212	1,473,210	12,158,785
October	2,835,950	8,186,876	1,553,007	12,575,833
November	2,445,903	7,970,679	1,467,435	11,884,017
December	2,487,870	8,423,587	1,733,041	12,644,498
1991 TOTAL	36,210,214	93,599,557	20,340,594	150,150,365

<sup>R</sup>Revised



TABLE 9

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

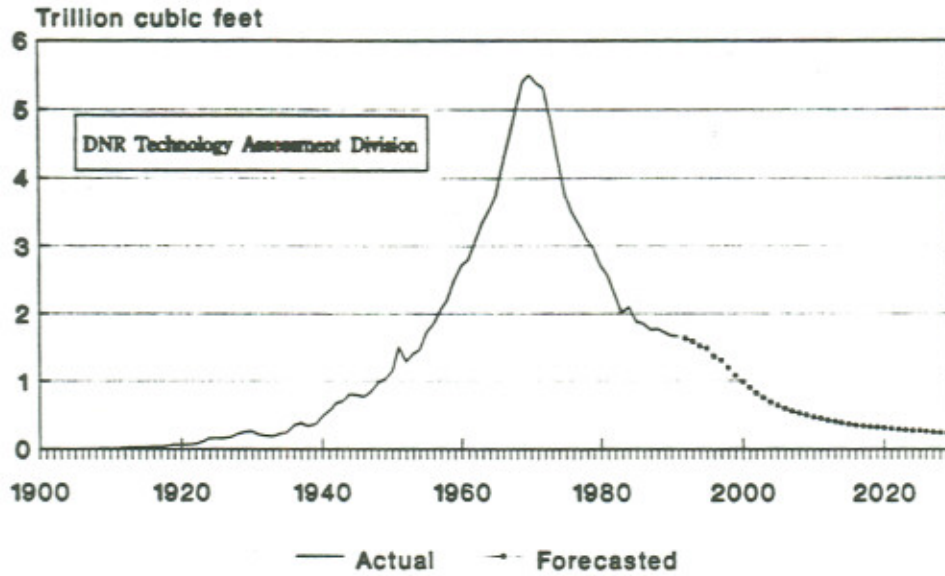
<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	455,307,743	4,425,582,501	615,967,540	5,496,857,621
1971	416,219,063	4,354,319,640	619,569,595	5,390,108,322
1972	423,012,677	4,283,898,342	610,569,993	5,317,481,041
1973	399,413,469	3,914,434,607	556,793,276	4,870,641,334
1974	359,441,600	3,411,405,799	516,931,900	4,287,779,235
1975	341,252,856	2,905,347,833	509,483,387	3,756,084,047
1976	347,735,592	2,631,887,670	512,934,932	3,492,558,111
1977	348,195,326	2,467,657,426	486,096,208	3,301,948,888
1978	333,138,814	2,279,271,793	489,728,651	3,102,139,258
1979	359,466,299 <sup>R</sup>	2,139,413,697 <sup>R</sup>	476,965,224 <sup>R</sup>	2,975,845,220 <sup>R</sup>
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 <sup>R</sup>	1,235,668,406 <sup>R</sup>	249,821,614 <sup>R</sup>	1,854,465,605 <sup>R</sup>
1987	360,971,878 <sup>R</sup>	1,166,911,126 <sup>R</sup>	230,908,933 <sup>R</sup>	1,758,791,937 <sup>R</sup>
1988	377,676,702 <sup>R</sup>	1,179,489,165 <sup>R</sup>	216,099,358 <sup>R</sup>	1,773,265,225 <sup>R</sup>
1989	382,101,466 <sup>R</sup>	1,139,770,057 <sup>R</sup>	204,891,690 <sup>R</sup>	1,726,763,213 <sup>R</sup>
January	34,323,014 <sup>R</sup>	97,979,793 <sup>R</sup>	18,254,886 <sup>R</sup>	150,557,693 <sup>R</sup>
February	29,771,673 <sup>R</sup>	88,599,682 <sup>R</sup>	16,018,563 <sup>R</sup>	134,389,918 <sup>R</sup>
March	34,657,204 <sup>R</sup>	94,568,067 <sup>R</sup>	17,605,710 <sup>R</sup>	146,830,981 <sup>R</sup>
April	32,130,471 <sup>R</sup>	88,990,770 <sup>R</sup>	15,924,979 <sup>R</sup>	137,046,220 <sup>R</sup>
May	34,025,560 <sup>R</sup>	89,383,953 <sup>R</sup>	16,253,994 <sup>R</sup>	139,663,507 <sup>R</sup>
June	33,041,688 <sup>R</sup>	88,395,975 <sup>R</sup>	15,427,182 <sup>R</sup>	136,864,845 <sup>R</sup>
July	33,511,148 <sup>R</sup>	93,865,328 <sup>R</sup>	15,296,080 <sup>R</sup>	142,672,556 <sup>R</sup>
August	32,518,420 <sup>R</sup>	92,790,119 <sup>R</sup>	14,714,686 <sup>R</sup>	140,023,225 <sup>R</sup>
September	32,110,258 <sup>R</sup>	89,419,699 <sup>R</sup>	13,171,471 <sup>R</sup>	134,701,428 <sup>R</sup>
October	29,910,083 <sup>R</sup>	96,630,108 <sup>R</sup>	12,431,786 <sup>R</sup>	138,971,977 <sup>R</sup>
November	28,433,898 <sup>R</sup>	95,396,211 <sup>R</sup>	11,817,543 <sup>R</sup>	135,647,652 <sup>R</sup>
December	28,737,635 <sup>R</sup>	97,215,871 <sup>R</sup>	11,746,168 <sup>R</sup>	137,699,674 <sup>R</sup>
1990 TOTAL	383,171,052 <sup>R</sup>	1,113,235,576 <sup>R</sup>	178,663,048 <sup>R</sup>	1,675,069,676 <sup>R</sup>
January	34,049,997	101,317,884	14,228,528	149,596,409
February	31,002,554	90,772,657	12,588,271	134,363,482
March	32,620,418	99,177,887	14,092,650	145,890,955
April	32,179,518	96,296,309	13,744,649	142,220,476
May	33,303,918	93,173,312	13,359,319	139,836,549
June	32,478,897	91,219,757	11,497,031	135,195,685
July	31,823,448	88,635,764	10,608,274	131,067,486
August	31,360,209	88,475,698	11,127,781	130,963,688
September	30,645,098	84,888,059	10,562,694	126,095,851
October	31,940,596	93,042,903	12,662,805	137,646,304
November	30,666,225	95,094,237	12,951,747	138,712,209
December	31,934,259	100,219,434	13,161,844	145,315,537
1991 TOTAL	384,005,137	1,122,313,901	150,585,593	1,656,904,631

<sup>R</sup>Revised

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

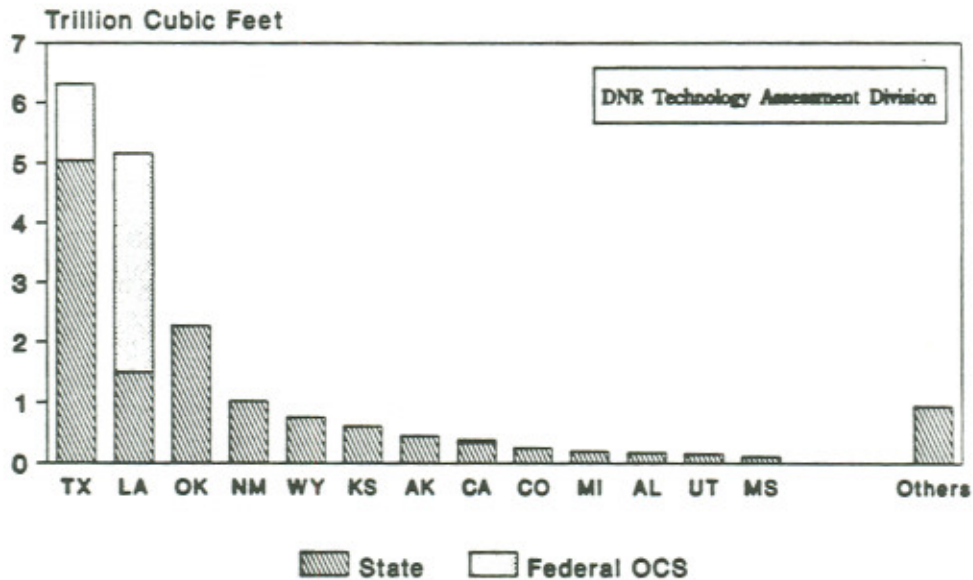
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**FIGURE 3  
LOUISIANA STATE GAS PRODUCTION  
ACTUAL AND FORECASTED THROUGH YEAR 2030**



Casinghead gas included  
Federal OCS excluded

**FIGURE 4  
1991 UNITED STATES MARKETED GAS  
PRODUCTION BY STATE**



SOURCE: U.S. Department of Energy  
Federal OCS production is estimated.



TABLE 10

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	-----OFFSHORE-----			TOTAL
	ONSHORE	STATE	FEDERAL OCS <sup>11</sup>	
1970	4,880,890,244	615,967,540	2,228,516,212	7,725,373,996
1971	4,770,538,703	619,569,595	2,582,297,962	7,972,406,261
1972	4,706,911,019	610,569,993	2,824,792,196	8,142,273,208
1973	4,313,848,076	556,793,276	2,995,634,220	7,866,275,572
1974	3,770,847,399	516,931,900	3,283,413,450	7,571,192,750
1975	3,246,600,688	509,483,387	3,266,745,456	7,022,829,531
1976	2,979,623,262	512,934,932	3,431,149,749	6,923,707,943
1977	2,815,852,752	486,096,208	3,575,898,616	6,877,847,576
1978	2,612,410,607	489,728,651	4,068,255,571	7,170,394,829
1979	2,498,879,996 <sup>R</sup>	476,965,224 <sup>R</sup>	4,076,873,552	7,052,718,772 <sup>R</sup>
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 <sup>R</sup>	249,821,614 <sup>R</sup>	2,870,347,386 <sup>R</sup>	4,724,812,991 <sup>R</sup>
1987	1,527,883,004 <sup>R</sup>	230,908,933 <sup>R</sup>	3,117,669,167 <sup>R</sup>	4,876,461,104 <sup>R</sup>
1988	1,557,165,867 <sup>R</sup>	216,099,358 <sup>R</sup>	3,036,077,646 <sup>R</sup>	4,809,342,871 <sup>R</sup>
1989	1,521,871,523 <sup>R</sup>	204,891,690 <sup>R</sup>	2,947,545,132 <sup>R</sup>	4,674,308,345 <sup>R</sup>
January	132,302,807 <sup>R</sup>	18,254,886 <sup>R</sup>	339,079,020 <sup>R</sup>	489,636,713 <sup>R</sup>
February	118,371,355 <sup>R</sup>	16,018,563 <sup>R</sup>	281,019,294 <sup>R</sup>	415,409,212 <sup>R</sup>
March	129,225,271 <sup>R</sup>	17,605,710 <sup>R</sup>	313,375,026 <sup>R</sup>	460,206,007 <sup>R</sup>
April	121,121,241 <sup>R</sup>	15,924,979 <sup>R</sup>	284,329,776 <sup>R</sup>	421,375,996 <sup>R</sup>
May	123,409,513 <sup>R</sup>	16,253,994 <sup>R</sup>	295,470,657 <sup>R</sup>	435,134,164 <sup>R</sup>
June	121,437,663 <sup>R</sup>	15,427,182 <sup>R</sup>	318,966,873 <sup>R</sup>	455,831,718 <sup>R</sup>
July	127,376,476 <sup>R</sup>	15,296,080 <sup>R</sup>	253,838,814 <sup>R</sup>	396,511,370 <sup>R</sup>
August	125,308,539 <sup>R</sup>	14,714,686 <sup>R</sup>	291,765,246 <sup>R</sup>	431,788,471 <sup>R</sup>
September	121,529,957 <sup>R</sup>	13,171,471 <sup>R</sup>	268,034,384 <sup>R</sup>	402,735,812 <sup>R</sup>
October	126,540,191 <sup>R</sup>	12,431,786 <sup>R</sup>	317,321,761 <sup>R</sup>	456,293,738 <sup>R</sup>
November	123,830,109 <sup>R</sup>	11,817,543 <sup>R</sup>	323,945,900 <sup>R</sup>	459,593,552 <sup>R</sup>
December	125,953,506 <sup>R</sup>	11,746,168 <sup>R</sup>	346,407,555 <sup>R</sup>	484,107,229 <sup>R</sup>
1990 TOTAL	1,496,406,628 <sup>R</sup>	178,663,048 <sup>R</sup>	3,633,554,307 <sup>R</sup>	5,308,623,983 <sup>R</sup>
January	135,367,881	14,228,528	291,940,353	441,536,762
February	121,775,211	12,588,271	272,162,976	406,526,458
March	131,798,305	14,092,650	327,049,367	472,940,322
April	128,475,827	13,744,649	282,478,011	424,698,487
May	126,477,230	13,359,319	286,717,102	426,553,651
June	123,698,654	11,497,031	282,972,116	418,167,801
July	120,459,212	10,608,274	255,220,215	386,287,701
August	119,835,907	11,127,781	280,429,862	411,393,550
September	115,533,157	10,562,694	275,987,009	402,082,860
October	124,983,499	12,662,805	326,286,236	463,932,540
November	125,760,462	12,951,747	308,622,175	447,334,384
December	132,153,693	13,161,844	336,377,828	481,693,365
1991 TOTAL	1,506,319,038	150,585,593	3,526,243,252	5,183,147,883

NOTE: The 1990 and 1991 Federal OCS production is estimated from the marketed production.

<sup>R</sup>Revised

See footnotes in Appendix A.

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

DNR Technology Assessment Division



TABLE 11

LOUISIANA GAS SEVERANCE TAX VOLUMES<sup>7</sup>  
(Thousand Cubic Feet (MCF), at 15.025 psia and 60 degrees Fahrenheit)

<u>DATE</u>	<u>FULL RATE</u>	<u>INCAPABLE GAS WELLS RATE</u>	<u>OTHER RATES</u>	<u>TOTAL TAXED GAS VOLUME</u>
1970	N/A	N/A	N/A	5,104,947,312
1971	N/A	N/A	N/A	5,036,677,142
1972	N/A	N/A	N/A	4,915,162,138
1973	N/A	N/A	N/A	4,542,119,855
1974	N/A	N/A	N/A	3,984,578,464
1975	3,265,635,082	49,638,433	144,857,574	3,460,131,089
1976	3,055,617,983	50,386,997	67,782,556	3,173,787,536
1977	2,950,831,436	52,271,169	N/A	3,003,102,605
1978	2,766,602,076	57,431,282	28,997,865	2,853,031,223
1979	2,648,241,341	61,371,377	27,915,984	2,737,528,702
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
January	133,537,448	5,385,298	252,838	139,175,584
February	137,429,549	4,717,565	1,455,972	143,603,086
March	126,677,880	4,855,891	1,346,156	132,879,927
April	129,038,005	5,004,640	1,344,831	135,387,476
May	128,532,836	4,952,523	1,494,790	134,980,149
June	92,062,567	4,745,831	1,025,155	97,833,553
July	160,229,106	5,239,427	1,614,431	167,082,964
August	132,068,078	2,752,529	1,426,475	136,247,082
September	130,030,922	4,773,142	3,330,515	138,134,579
October	119,603,844	4,625,270	3,150,950	127,380,064
November	122,109,824	1,968,183	1,409,613	125,487,620
December	114,131,678	4,527,498	1,587,176	120,246,352
1990 TOTAL	1,525,451,737	53,547,797	19,438,902	1,598,438,436
January	153,271,469	4,769,181	5,164,024	163,204,674
February	139,392,740	3,857,741	1,805,251	145,055,732
March	114,630,030	4,465,493	1,307,543	120,403,066
April	130,221,170	3,416,295	2,973,577	136,611,042
May	131,891,122	4,459,874	4,252,699	140,603,695
June	112,283,089	4,843,704	2,236,647	119,363,440
July	135,383,855	4,494,772	4,172,123	144,050,750
August	111,780,114	4,808,212	3,322,268	119,910,594
September	117,043,598	4,855,200	3,253,918	125,152,716
October	104,573,176	4,482,320	3,108,444	112,163,940
November	124,923,547	3,369,227	1,587,006	129,879,780
December	117,592,486	4,678,159	2,637,109	124,907,754
1991 TOTAL	1,492,986,396	52,500,178	35,820,609	1,581,307,183

See footnotes in Appendix A.



TABLE 12

FEDERAL OCS GAS PRODUCTION, WET AFTER LEASE SEPARATION  
 Natural Gas and Casinghead Gas  
 (Thousand Cubic Feet (MCF), at 15.025 psia and 60 degrees Fahrenheit)\*

<u>YEAR</u>	<u>LOUISIANA</u>	<u>TEXAS</u>	<u>CALIFORNIA</u>	<u>TOTAL</u>
PRIOR	19,490,712	N/A	N/A	19,490,712
1954	55,219,200	N/A	N/A	55,219,200
1955	79,683,214	N/A	N/A	79,683,214
1956	81,265,031	N/A	N/A	81,265,031
1957	80,947,656	4,703	N/A	80,952,359
1958	125,185,735	N/A	N/A	125,185,735
1959	203,089,002	N/A	N/A	203,089,002
1960	267,673,709	N/A	N/A	267,673,709
1961	312,031,003	N/A	N/A	312,031,003
1962	443,079,048	N/A	N/A	443,079,048
1963	553,272,142	N/A	N/A	553,272,142
1964	609,524,401	N/A	N/A	609,524,401
1965	632,914,005	N/A	N/A	632,914,005
1966	946,433,484	41,233,595	N/A	987,667,078
1967	1,065,915,553	97,990,476	N/A	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

<sup>a</sup>Revised

See footnotes in Appendix A.

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



TABLE 13

UNITED STATES NATURAL GAS AND CASINGHEAD PRODUCTION<sup>3</sup>  
(Billion Cubic Feet (BCF), at 15.025 psia and 60 degrees Fahrenheit)\*

<u>DATE</u>	<u>GROSS</u>	<u>MARKETED</u>	<u>DRY</u>	<u>IMPORTS</u>
1970	23,319	21,490	20,602	805
1971	23,615	22,051	21,186	916
1972	23,545	22,089	21,199	999
1973	23,595	22,203	21,304	1,013
1974	22,401	21,176	20,306	940
1975	20,689	19,714	18,859	934
1976	20,533	19,561	18,723	945
1977	20,683	19,632	18,787	991
1978	20,890	19,582	18,746	947
1979	21,454	20,069	19,277	1,229
1980	21,440	19,784	19,022	965
1981	21,164	19,564	18,805	886
1982	19,874 <sup>R</sup>	18,217 <sup>R</sup>	17,470 <sup>R</sup>	915
1983	18,293 <sup>R</sup>	16,553 <sup>R</sup>	15,778 <sup>R</sup>	900 <sup>R</sup>
1984	19,869 <sup>R</sup>	17,945 <sup>R</sup>	17,124 <sup>R</sup>	827
1985	19,222 <sup>R</sup>	16,931 <sup>R</sup>	16,131 <sup>R</sup>	931
1986	18,755 <sup>R</sup>	16,528 <sup>R</sup>	15,744 <sup>R</sup>	736 <sup>R</sup>
1987	19,745 <sup>R</sup>	17,091 <sup>R</sup>	16,294 <sup>R</sup>	973
1988	20,587 <sup>R</sup>	17,567 <sup>R</sup>	16,767 <sup>R</sup>	1,268 <sup>R</sup>
1989	20,661 <sup>R</sup>	17,740 <sup>R</sup>	16,971 <sup>R</sup>	1,354 <sup>R</sup>
January	1,902 <sup>R</sup>	1,656 <sup>R</sup>	1,586 <sup>R</sup>	137 <sup>R</sup>
February	1,684 <sup>R</sup>	1,474 <sup>R</sup>	1,412 <sup>R</sup>	116
March	1,805 <sup>R</sup>	1,563 <sup>R</sup>	1,498 <sup>R</sup>	114 <sup>R</sup>
April	1,720 <sup>R</sup>	1,483 <sup>R</sup>	1,421 <sup>R</sup>	121 <sup>R</sup>
May	1,746 <sup>R</sup>	1,499 <sup>R</sup>	1,435 <sup>R</sup>	121 <sup>R</sup>
June	1,677 <sup>R</sup>	1,458 <sup>R</sup>	1,396 <sup>R</sup>	115 <sup>R</sup>
July	1,724 <sup>R</sup>	1,483 <sup>R</sup>	1,421 <sup>R</sup>	118 <sup>R</sup>
August	1,729 <sup>R</sup>	1,488 <sup>R</sup>	1,425 <sup>R</sup>	116
September	1,660 <sup>R</sup>	1,428 <sup>R</sup>	1,369 <sup>R</sup>	118
October	1,807 <sup>R</sup>	1,552 <sup>R</sup>	1,486 <sup>R</sup>	139 <sup>R</sup>
November	1,791 <sup>R</sup>	1,549 <sup>R</sup>	1,483 <sup>R</sup>	137 <sup>R</sup>
December	1,853 <sup>R</sup>	1,595 <sup>R</sup>	1,527 <sup>R</sup>	153 <sup>R</sup>
1990 TOTAL	21,098 <sup>R</sup>	18,229 <sup>R</sup>	17,459 <sup>R</sup>	1,503
January	1,890	1,630	1,559	153
February	1,706	1,473	1,408	128
March	1,809	1,563	1,495	146
April	1,730	1,495	1,429	142
May	1,747	1,513	1,446	134
June	1,684	1,458	1,393	126
July	1,701	1,471	1,411	129
August	1,697	1,467	1,407	126
September	1,680	1,456	1,396	128
October	1,804	1,563	1,498	155
November	1,811	1,573	1,508	161
December	1,881	1,633	1,567	179
1991 TOTAL	21,141	18,295	17,516	1,710

<sup>R</sup>Revised

See footnotes in Appendix A.

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

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FIGURE 5  
LOUISIANA OIL PRODUCTION AND PRICE

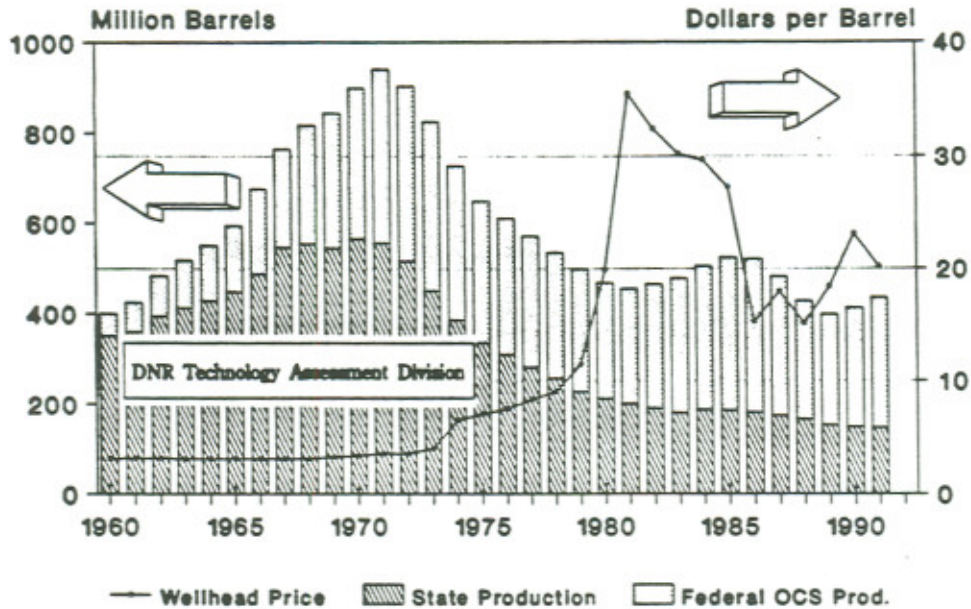


FIGURE 6  
LOUISIANA GAS PRODUCTION AND PRICE

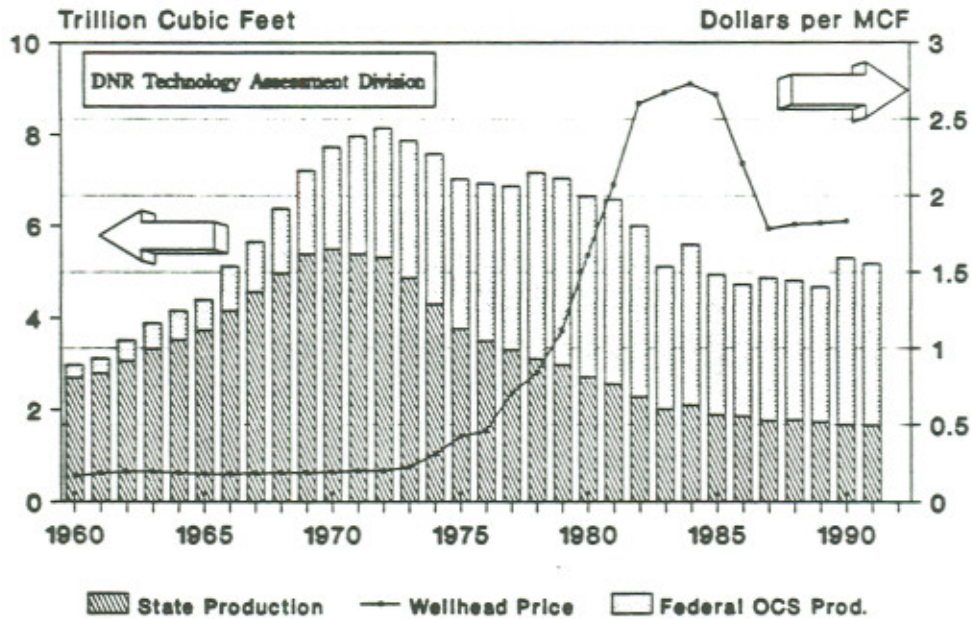




TABLE 14

LOUISIANA AVERAGE CRUDE OIL PRICES  
(Dollars per Barrel)

DATE	SOUTH LOUISIANA SWEET		-----ALL GRADES AT WELLHEAD-----			
	SPOT <sup>9</sup> MARKET	REFINERY POSTED	STATE <sup>5</sup>	FEDERAL <sup>5</sup> OCS GULF	SEVERANCE <sup>7</sup> TAXED VOLUME	STATE ROYALTY VOLUME
1970	N/A	N/A	3.38	3.34	N/A	3.04
1971	N/A	N/A	3.59	3.57	N/A	3.59
1972	N/A	N/A	3.59	3.55	N/A	3.59
1973	N/A	N/A	4.00	4.14	N/A	4.11
1974	N/A	N/A	6.53	6.75	N/A	6.29
1975	N/A	8.14	7.09	7.51	6.88	6.75
1976	N/A	11.67	7.51	8.14	7.39	7.13
1977	N/A	12.49	8.33	9.00	7.79	7.46
1978	N/A	13.48	9.03	9.93	8.59	9.85
1979	N/A	19.07	11.42	11.09	10.23	10.03
1980	N/A	23.32	19.87	18.83	17.64	17.80
1981	N/A	36.12	35.45	34.28	33.07	34.94
1982	N/A	32.91	32.44	32.35	33.55	32.33
1983	30.63	30.63	30.20	30.05	30.38	29.02
1984	29.64	30.04	29.67	30.00	29.98	29.47
1985	28.42	27.86	27.22	27.33	27.18	27.40
1986	14.72	15.71	15.29	15.26	17.23	15.71
1987	19.38	18.52	17.97	17.58	17.55	17.87
1988	16.13	15.79	15.18	14.69	16.38	14.85
1989	19.75	18.97	18.40	17.83	17.87	17.97
January	22.45	21.39 <sup>R</sup>	21.24	20.72 <sup>R</sup>	19.62	21.15 <sup>R</sup>
February	20.85	21.29 <sup>R</sup>	20.99 <sup>R</sup>	20.38 <sup>R</sup>	21.40	21.04 <sup>R</sup>
March	19.97	19.43 <sup>R</sup>	19.48	18.87 <sup>R</sup>	20.80	19.31 <sup>R</sup>
April	18.13	17.43 <sup>R</sup>	17.29 <sup>R</sup>	16.81 <sup>R</sup>	19.42	17.23 <sup>R</sup>
May	16.95	16.85 <sup>R</sup>	16.88	16.37	17.75	16.83 <sup>R</sup>
June	16.99	16.10 <sup>R</sup>	15.45	15.01 <sup>R</sup>	17.27	14.85 <sup>R</sup>
July	20.92	17.30 <sup>R</sup>	16.85	16.10 <sup>R</sup>	16.09	16.57 <sup>R</sup>
August	28.36	25.47 <sup>R</sup>	25.11	24.12 <sup>R</sup>	16.79	24.82 <sup>R</sup>
September	40.80	31.90 <sup>R</sup>	31.47 <sup>R</sup>	30.45 <sup>R</sup>	23.96	30.38 <sup>R</sup>
October	36.25	35.28 <sup>R</sup>	34.88	34.26	30.54	34.40 <sup>R</sup>
November	30.13	31.47 <sup>R</sup>	30.89 <sup>R</sup>	30.04	34.27	30.83 <sup>R</sup>
December	29.52	26.24 <sup>R</sup>	25.90 <sup>R</sup>	25.54	32.53	25.35 <sup>R</sup>
1990 AVERAGE	25.11	23.35 <sup>R</sup>	23.04 <sup>R</sup>	22.39 <sup>R</sup>	22.54	22.73 <sup>R</sup>
January	21.15	23.74	23.19	22.58	27.45	23.10
February	19.50	19.84	19.34	18.70	24.15	19.27
March	19.35	19.12	18.69	17.91	20.28	18.51
April	20.94	20.09	19.54	18.87	18.91	19.46
May	21.28	20.44	19.92	19.27	19.79	19.54
June	20.72	19.31	18.71	18.20	20.19	18.64
July	21.67	20.48	19.97	19.21	19.15	19.73
August	22.07	20.66	20.15	19.40	20.02	20.04
September	22.46	20.99	20.61	19.56	18.93	20.20
October	23.99	22.41	22.01	20.94	22.02	21.75
November	23.14	21.93	21.24	20.26	21.41	21.06
December	20.02	18.67	18.20	17.53	21.30	17.62
1991 AVERAGE	21.36	20.64	20.13	19.37	21.13	19.91

<sup>R</sup>Revised

See footnotes in Appendix A.

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TABLE 15

 UNITED STATES AVERAGE CRUDE OIL PRICES<sup>2</sup>  
 (Dollars/Barrel)

DATE	REFINERY ACQUISITION COSTS			WELLHEAD	----IMPORTS----	
	DOMESTIC	IMPORTS	COMBINED		F. O. B.	LANDED
1970	3.46	2.96	3.40	3.18	2.75	N/A
1971	3.68	3.17	3.60	3.39	2.95	N/A
1972	3.67	3.22	3.58	3.39	2.99	N/A
1973	4.17	4.08	4.15	3.89	3.75	N/A
1974	7.18	12.52	9.07	6.74	11.27	N/A
1975	8.39	13.93	10.38	7.56	11.69	12.75
1976	8.84	13.48	10.89	8.19	12.17	13.34
1977	9.55	14.53	11.96	8.57	13.24	14.31
1978	10.61	14.57	12.46	9.00	13.30	14.38
1979	14.27	21.67	17.72	12.64	20.07	21.65
1980	24.23	33.89	28.07	21.59	32.37	33.95
1981	34.33	37.05	35.24	31.77	35.15	36.52
1982	31.32	33.55	31.87	28.52	32.02	33.18
1983	28.87	29.30	28.99	26.19	27.81	28.93
1984	28.53	28.88	28.63	25.88	27.60	28.46
1985	26.66	27.00	26.75	24.09	25.84	26.66
1986	14.81	14.31	14.67	12.60	12.75	13.79
1987	17.77	18.05	17.87	15.41	16.71	17.57
1988	14.70	14.62	14.68	12.57	13.23	14.12
1989	17.87	18.06 <sup>R</sup>	17.96 <sup>R</sup>	15.87 <sup>R</sup>	16.81 <sup>R</sup>	17.63 <sup>R</sup>
January	20.75	20.51	20.64	18.49 <sup>R</sup>	18.81 <sup>R</sup>	19.81 <sup>R</sup>
February	20.75	19.84	20.31 <sup>R</sup>	18.16 <sup>R</sup>	18.01	18.96 <sup>R</sup>
March	19.32	18.94	19.14	16.57 <sup>R</sup>	16.91	17.93 <sup>R</sup>
April	17.37	16.66 <sup>R</sup>	17.05 <sup>R</sup>	14.52	14.94	15.96 <sup>R</sup>
May	16.46	16.07 <sup>R</sup>	16.27 <sup>R</sup>	13.82	14.50 <sup>R</sup>	15.30 <sup>R</sup>
June	15.06 <sup>R</sup>	15.15	15.11 <sup>R</sup>	12.79	13.84 <sup>R</sup>	14.99 <sup>R</sup>
July	15.86 <sup>R</sup>	16.54 <sup>R</sup>	16.19 <sup>R</sup>	14.03 <sup>R</sup>	16.52	17.65
August	22.96 <sup>R</sup>	24.26	23.55 <sup>R</sup>	21.87 <sup>R</sup>	23.84 <sup>R</sup>	24.63 <sup>R</sup>
September	31.14 <sup>R</sup>	29.88 <sup>R</sup>	30.03 <sup>R</sup>	28.46 <sup>R</sup>	29.07 <sup>R</sup>	29.48 <sup>R</sup>
October	33.32	32.88 <sup>R</sup>	33.14 <sup>R</sup>	30.86	30.75	31.47
November	30.75	30.19 <sup>R</sup>	30.52 <sup>R</sup>	27.53	27.55 <sup>R</sup>	28.34 <sup>R</sup>
December	26.46	25.56 <sup>R</sup>	26.09 <sup>R</sup>	22.63	23.24	24.05 <sup>R</sup>
1990 AVERAGE	17.87 <sup>R</sup>	18.08 <sup>R</sup>	17.97 <sup>R</sup>	19.98 <sup>R</sup>	20.67 <sup>R</sup>	21.55 <sup>R</sup>
January	23.25	22.41	22.90	19.58	19.94	20.89
February	19.53	18.30	19.02	16.22	16.31	17.26
March	18.12	17.59	17.89	15.08	15.88	17.16
April	18.56	18.27	18.43	16.14	16.64	17.81
May	18.98	18.14	18.60	16.41	16.42	17.82
June	18.16	17.78	17.98	15.55	15.84	17.17
July	18.91	18.14	18.57	16.32	16.67	17.78
August	19.10	18.71	18.92	16.57	16.94	18.11
September	19.31	19.00	19.17	16.67	17.49	18.64
October	20.39	19.92	20.18	17.70	18.53	19.36
November	20.01	19.35	19.72	17.07	17.83	18.68
December	17.84	17.17	17.56	14.64	15.12	16.22
1991 AVERAGE	22.60	21.78	22.23	16.50	16.97	18.08

<sup>R</sup>Revised

F.O.B. = Free on Board

See footnotes in Appendix A.

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TABLE 16

LOUISIANA AVERAGE NATURAL GAS PRICES  
(Dollars/MCF)

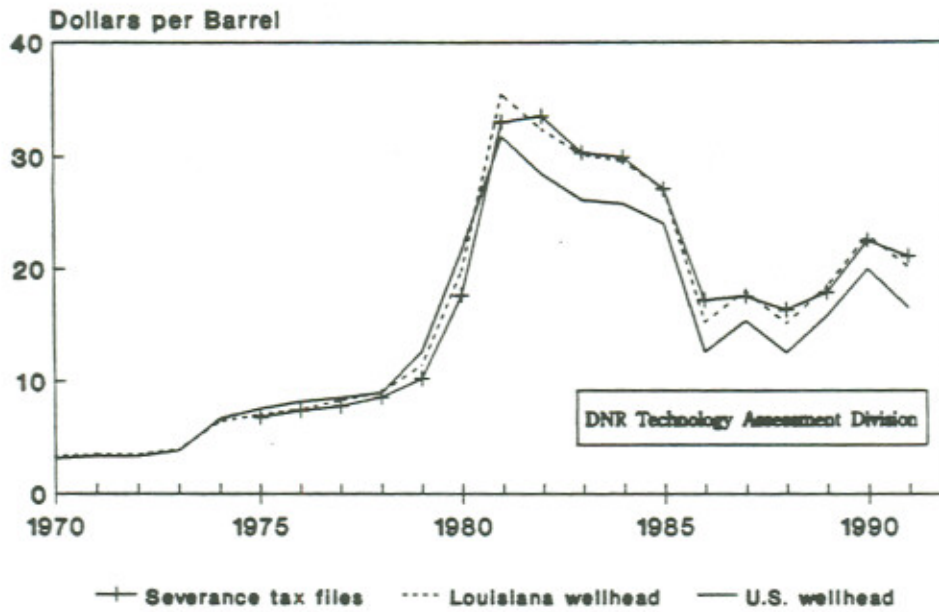
DATE	AVERAGE WELLHEAD PRICES FROM				AVERAGE PRICE <sup>3</sup>
	FEDERAL <sup>3</sup> OCS WELLS	DOE FILES <sup>3</sup> ALL WELLS	ROYALTY FILES STATE WELLS	SPOT MARKET <sup>4</sup> ALL WELLS	DELIVERED TO CITY GATES
1970	0.18	0.19	0.21	N/A	N/A
1971	0.20	0.20	0.21	N/A	N/A
1972	0.22	0.20	0.22	N/A	N/A
1973	0.23	0.22	0.23	N/A	N/A
1974	0.25	0.31	0.32	N/A	N/A
1975	0.35	0.42	0.39	N/A	N/A
1976	0.46	0.46	0.46	N/A	N/A
1977	0.74	0.70	0.60	N/A	N/A
1978	0.93	0.84	0.79	N/A	N/A
1979	1.26	1.12	1.00	N/A	N/A
1980	1.64	1.61	1.26	N/A	N/A
1981	2.11	2.07	1.67	N/A	N/A
1982	2.65	2.60	2.22	N/A	N/A
1983	2.72	2.67	2.48	N/A	N/A
1984	2.70	2.73	2.54	N/A	3.78
1985	2.72	2.66	2.36	2.61 <sup>R</sup>	3.55
1986	2.26	2.21	1.99	1.76 <sup>R</sup>	2.95
1987	1.82	1.78	1.66	1.55 <sup>R</sup>	2.38
1988	1.84	1.81	1.79	1.79 <sup>R</sup>	3.09 <sup>R</sup>
1989	1.86	1.82 <sup>R</sup>	1.76	1.76 <sup>R</sup>	2.98
January			2.33	2.53 <sup>R</sup>	3.29
February			2.04	2.09 <sup>R</sup>	3.20
March			1.70 <sup>R</sup>	1.57 <sup>R</sup>	2.85
April			1.61 <sup>R</sup>	1.55 <sup>R</sup>	2.82
May			1.58 <sup>R</sup>	1.52 <sup>R</sup>	2.84
June			1.55 <sup>R</sup>	1.53 <sup>R</sup>	2.64
July			1.54	1.46 <sup>R</sup>	2.73
August			1.49 <sup>R</sup>	1.41 <sup>R</sup>	2.58
September			1.55 <sup>R</sup>	1.43 <sup>R</sup>	2.64
October			1.65	1.64 <sup>R</sup>	2.79
November			2.02 <sup>R</sup>	2.12 <sup>R</sup>	3.17
December			2.14 <sup>R</sup>	2.35 <sup>R</sup>	3.24
1990 AVERAGE	1.87	1.83	1.77	1.77 <sup>R</sup>	2.97 <sup>R</sup>
January			1.79	1.89	2.87
February			1.50	1.40	2.68
March			1.44	1.34	2.68
April			1.38	1.36	2.50
May			1.38	1.34	2.53
June			1.33	1.30	2.52
July			1.30	1.14	2.38
August			1.25	1.20	2.49
September			1.37	1.43	2.50
October			1.85	1.80	2.47
November			1.74	1.81	2.54
December			1.79	1.98	2.69
1991 AVERAGE	N/A	N/A	1.51	1.50	2.63

<sup>R</sup>Revised

See footnotes in Appendix A.

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**FIGURE 7  
CRUDE OIL AVERAGE PRICES**



**FIGURE 8  
NATURAL GAS AVERAGE PRICES**

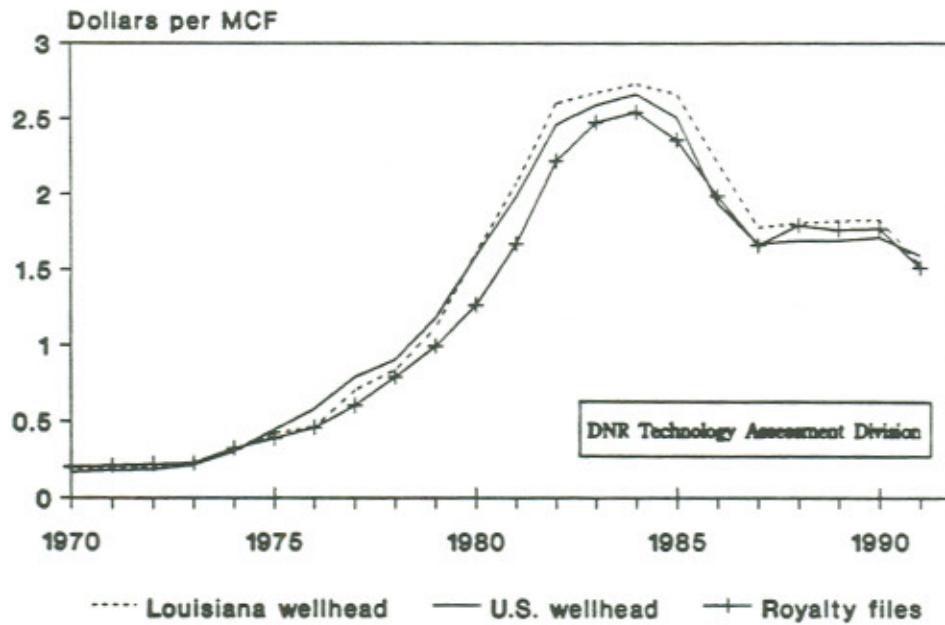




TABLE 17

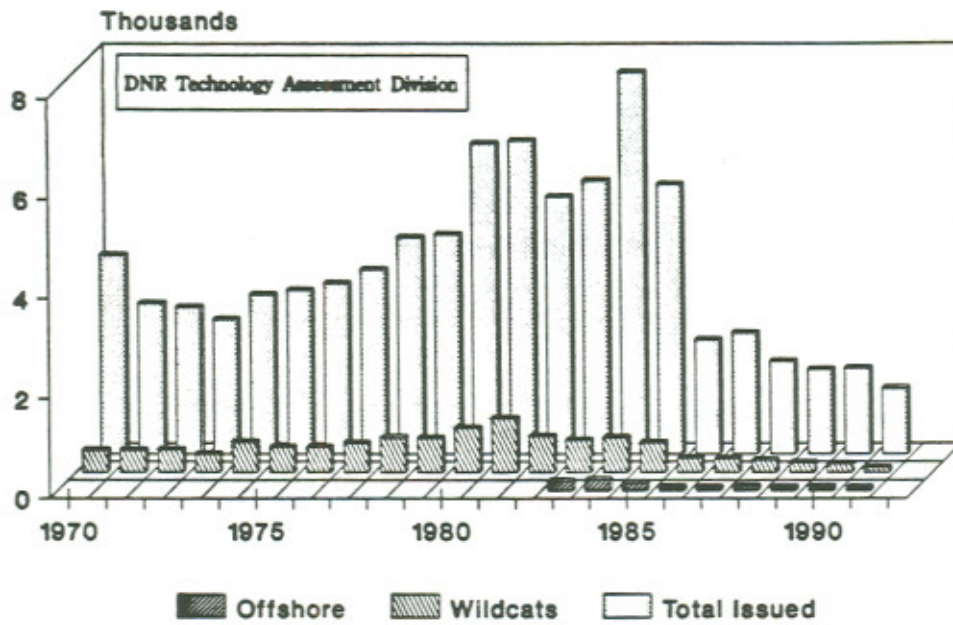
LOUISIANA AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMERS<sup>3</sup>  
(Dollars/MCF)

<u>DATE</u>	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL</u>	<u>UTILITY</u>
1970	0.77	0.38	0.24	0.22
1971	0.84	0.41	0.27	0.24
1972	0.91	0.46	0.33	0.27
1973	0.97	0.51	0.38	0.29
1974	1.12	0.60	0.63	0.49
1975	1.37	0.80	0.76	0.54
1976	1.57	1.10	0.94	0.83
1977	1.97	1.40	1.18	0.96
1978	2.47	1.44	0.96	1.18
1979	2.71	2.28	0.92	1.54
1980	3.40	2.69	1.28	2.09
1981	4.15	3.69	1.88	2.82
1982	5.32	4.93	3.16	3.23
1983	6.12	5.71	3.13	3.30
1984	5.96	5.54	3.18	3.18
1985	5.67	5.28	3.03	2.86
1986	5.77	5.25	1.91	1.94
1987	5.56	4.97	1.80	1.67
1988	5.74 <sup>R</sup>	5.14 <sup>R</sup>	1.99 <sup>R</sup>	1.70 <sup>R</sup>
1989	5.97 <sup>R</sup>	5.19 <sup>R</sup>	1.97	1.78 <sup>R</sup>
January	5.18	5.12	2.52 <sup>R</sup>	2.01
February	5.90	5.40	2.56	1.73
March	5.00 <sup>R</sup>	4.53 <sup>R</sup>	2.22 <sup>R</sup>	1.64
April	6.09 <sup>R</sup>	5.19 <sup>R</sup>	1.84 <sup>R</sup>	1.62
May	6.18 <sup>R</sup>	4.94 <sup>R</sup>	1.81 <sup>R</sup>	1.65
June	7.30	5.36	4.78	1.72
July	7.47	5.33	4.77	1.72
August	7.70	5.62	1.71	1.60
September	7.47	5.44	1.60 <sup>R</sup>	1.58
October	7.21 <sup>R</sup>	5.55 <sup>R</sup>	1.76 <sup>R</sup>	1.75
November	6.75 <sup>R</sup>	5.79 <sup>R</sup>	2.05 <sup>R</sup>	1.93
December	6.32 <sup>R</sup>	5.56 <sup>R</sup>	2.40 <sup>R</sup>	2.29
1990 AVERAGE	6.09	5.25	2.00 <sup>R</sup>	1.73 <sup>R</sup>
January	5.26	5.29	2.32	1.93
February	5.00	4.76	1.92	1.55
March	5.15	4.62	1.64	1.39
April	5.52	4.47	1.59	1.53
May	6.54	4.91	1.57	1.55
June	6.72	4.90	1.57	1.53
July	6.95	4.96	1.46	1.41
August	7.29	5.07	1.41	1.44
September	7.25	5.11	1.49	1.61
October	7.30	5.48	1.76	1.87
November	5.83	4.89	1.97	1.88
December	5.57	5.11	2.04	1.86
1991 AVERAGE	5.73	4.95	1.73	1.59

<sup>R</sup>Revised

See footnotes in Appendix A.

**FIGURE 9  
LOUISIANA STATE DRILLING PERMITS ISSUED**



Federal OCS excluded

**FIGURE 10  
LOUISIANA AVERAGE ACTIVE RIGS**

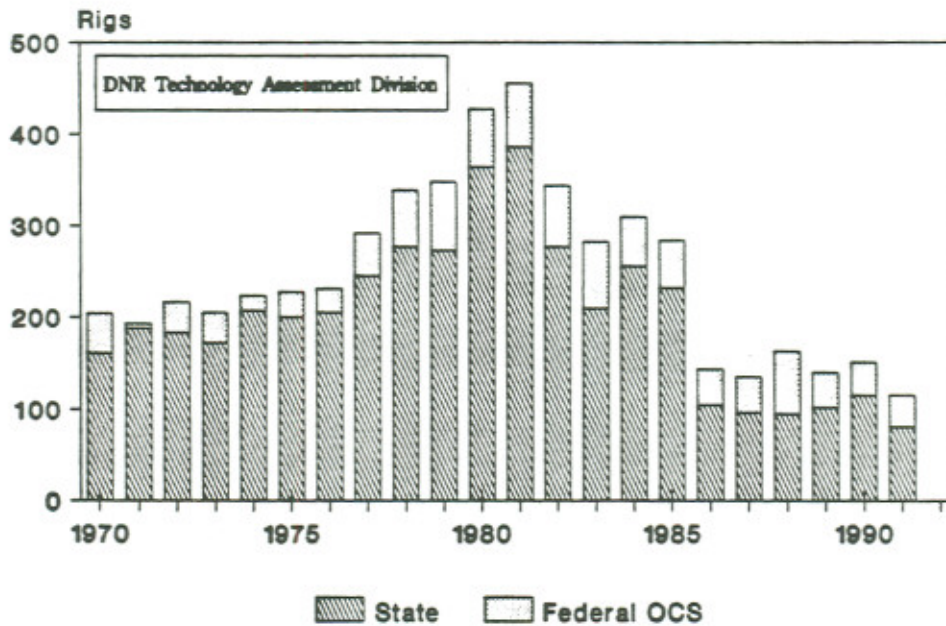




TABLE 18

 UNITED STATES AVERAGE NATURAL GAS PRICES<sup>3</sup>  
 (Dollars/MCF)

DATE	--MAJOR PIPELINES--				
	WELLHEAD ALL WELLS	FOREIGN IMPORTS	PURCHASE FROM PRODUCERS	CITY GATE	DELIVERED TO RESIDENTIAL
1970	0.17	N/A	N/A	0.35	1.09
1971	0.18	N/A	N/A	0.39	1.15
1972	0.19	N/A	N/A	0.43	1.21
1973	0.22	N/A	N/A	0.46	1.29
1974	0.30	N/A	N/A	0.57	1.43
1975	0.44	N/A	N/A	0.80	1.71
1976	0.58	N/A	N/A	0.98	1.98
1977	0.79	N/A	N/A	1.31	2.35
1978	0.91	2.21	0.83	1.47	2.56
1979	1.18	2.60	1.22	1.81	2.98
1980	1.59	4.42	1.63	2.41	3.68
1981	1.98	4.84	2.15	2.89	4.29
1982	2.46	4.94	2.72	3.60	5.17
1983	2.59	4.51	2.93	4.04	6.06
1984	2.66	4.08	2.91	3.89	6.12
1985	2.51	3.10	2.85	3.75	6.12
1986	1.94	2.53	2.39	3.22	5.83
1987	1.67	2.17	2.10	2.87	5.54
1988	1.69	2.00	2.13	2.92	5.47
1989	1.69	2.04 <sup>R</sup>	2.18 <sup>R</sup>	3.01 <sup>R</sup>	5.64 <sup>R</sup>
January	2.23 <sup>R</sup>	2.04	2.42	3.24 <sup>R</sup>	5.43
February	1.85	2.25	2.17 <sup>R</sup>	3.10	5.65
March	1.55 <sup>R</sup>	1.99	1.94	2.94 <sup>R</sup>	5.60
April	1.49 <sup>R</sup>	2.00	2.17	2.83 <sup>R</sup>	5.64
May	1.47	2.08	1.98	2.81	6.00
June	1.48 <sup>R</sup>	1.91	2.18	3.00	6.56
July	1.49 <sup>R</sup>	1.88	2.00	3.03	7.04
August	1.51	1.93	1.86	2.91	7.08
September	1.56 <sup>R</sup>	1.89	1.93	2.92	6.89
October	1.76 <sup>R</sup>	1.90	2.18	2.81	6.14
November	1.94 <sup>R</sup>	2.21	2.45	3.14	5.69
December	2.04 <sup>R</sup>	2.27	2.58	3.19	5.62
1990 AVERAGE	1.71	2.03	2.19 <sup>R</sup>	3.09 <sup>R</sup>	5.80 <sup>R</sup>
January	1.94	2.24	2.23	3.08	5.53
February	1.59	2.12	1.98	2.94	5.55
March	1.47	1.94	2.06	2.79	5.60
April	1.47	2.05	1.91	2.75	5.89
May	1.44	2.00	2.04	2.77	6.28
June	1.39	2.05	1.98	2.85	6.97
July	1.29	2.13	1.87	2.76	7.23
August	1.37	1.71	1.77	2.80	7.35
September	1.54	1.85	1.81	2.93	6.92
October	1.74	2.24	1.96	2.93	6.20
November	1.83	2.20	2.01	2.92	5.50
December	1.93	2.09	2.13	3.06	5.51
1991 AVERAGE	1.59	2.06	2.01	2.91	5.82

<sup>R</sup>Revised

See footnotes in Appendix A.

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TABLE 19

LOUISIANA STATE OIL AND GAS DRILLING PERMITS ISSUED  
BY TYPE FOR AREAS UNDER STATE JURISDICTION

<u>DATE</u>	<u>WILDCATS</u> + <u>DEVELOPMENTAL</u>	= <u>TOTAL</u>	= <u>OFFSHORE</u>	+ <u>ONSHORE</u>
1970	447	3,535	3,982	N/A
1971	441	2,570	3,011	N/A
1972	453	2,487	2,940	N/A
1973	370	2,318	2,688	N/A
1974	610	2,584	3,194	N/A
1975	513	2,773	3,286	N/A
1976	515	2,913	3,428	N/A
1977	588	3,119	3,707	N/A
1978	695	3,657	4,352	N/A
1979	694	3,725	4,419	N/A
1980	893	5,344	6,237	N/A
1981	1,086	5,195	6,281	N/A
1982	727	4,454	5,181	N/A
1983	642	4,852	5,494	201
1984	702	6,929	7,631	231
1985	599	4,811	5,410	165
1986	298	1,984	2,282	84
1987	284	2,148	2,432	73
1988	249	1,601	1,850	94
1989	204	1,486	1,690	75
January	7	93	100	6
February	14	66	80	6
March	15	117	132	4
April	17	125	142	9
May	18	139	157	10
June	16	136	152	4
July	17	105	122	3
August	24	187	211	18
September	19	132	151	2
October	15	163	178	13
November	12	183	195	4
December	7	80	87	6
1990 TOTAL	181	1,526	1,707	85
January	6	88	94	16
February	6	66	72	7
March	4	91	95	7
April	7	84	91	4
May	8	110	118	9
June	10	111	121	11
July	10	138	148	6
August	12	125	137	5
September	10	104	114	4
October	12	127	139	5
November	12	88	100	3
December	3	77	80	0
1991 TOTAL	100	1,209	1,309	77



TABLE 20

## LOUISIANA AVERAGE RIGS RUNNING

DATE	NORTH <sup>4</sup>	SOUTH-INLAND <sup>4</sup>		OFFSHORE	TOTAL	FEDERAL	TOTAL <sup>4</sup>
		WATER	LAND		STATE	O. C. S.	
1970	12	57	56	79*	204*	N/A	204
1971	16	50	54	74*	193*	N/A	193
1972	20	54	60	82*	216*	N/A	216
1973	23	56	55	71*	205*	N/A	205
1974	29	58	49	67*	203*	N/A	203
1975	31	55	64	50	200	27	227
1976	34	49	65	57	205	26	231
1977	45	56	81	62	245	47	292
1978	40	63	114	60	277	62	338
1979	35	62	112	64	273	75	347
1980	55	77	156	76	364	63	427
1981	58	83	160	85	386	69	455
1982	40	60	108	69	277	67	344
1983	29	47	82	51	210	73	283
1984	30	51	96	78	256	54	310
1985	25	44	86	78	232	52	283
1986	12	20	42	31	105	38	143
1987	11	23	36	26	96 <sup>R</sup>	39	135
1988	14	27	35	20	95	68	163
1989	16	17	35	34	102	38	140
January	21	19	41	40	120	37	157
February	17	18	38	40	113	31	144
March	20	16	38	41	114	32	146
April	16	16	37	57	126	21	147
May	16	21	39	41	117	40	157
June	20	19	36	37	111	45	156
July	19	21	34	11	85	67	152
August	19	23	33	44	118	32	150
September	19	18	32	57	126	18	144
October	16	22	36	46	120	26	146
November	23	26	36	34	118	43	161
December	17	28	32	33	109	42	151
1990 AVERAGE	19	20	36	40	115	36	151
January	12	26	36	33	106	36	142
February	14	22	37	30	103	37	140
March	15	16	35	26	91	35	126
April	20	19	33	21	93	51	144
May	10	18	29	13	71	51	122
June	9	17	37	24	87	36	123
July	15	15	33	25	87	27	114
August	10	12	33	23	78	23	101
September	8	11	26	20	65	28	93
October	10	13	23	21	66	24	90
November	7	15	25	18	65	30	95
December	6	12	25	17	60	30	90
1991 AVERAGE	11	16	31	23	81	34	115

<sup>R</sup>Revised

\*Includes Louisiana Federal OCS.

See footnotes in Appendix A.

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TABLE 21

LOUISIANA PRODUCING CRUDE OIL WELLS  
Excluding Federal OCS

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	13,166	3,341	1,179	17,685
1971	12,889	3,188	1,107	17,184
1972	12,475	3,002	1,048	16,526
1973	11,698	2,838	1,025	15,561
1974	11,984	2,798	985	15,766
1975	12,259	2,827	936	16,022
1976	12,393	2,819	1,073	16,285
1977	12,915	2,797	1,067	16,778
1978	13,019	7,219	1,086	21,324
1979	12,961	6,859	1,078	20,898
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
January	16,582	5,280	908	22,770
February	16,821	5,281	913	23,015
March	17,221	5,279	927	23,427
April	17,455	5,249	914	23,618
May	17,137	5,326	905	23,368
June	17,698	5,209	905	23,812
July	17,066	5,140	878	23,084
August	17,517	5,138	883	23,538
September	17,461	5,169	894	23,524
October	17,812	5,156	909	23,877
November	17,898	5,185	912	23,995
December	17,756	5,167	918	23,841
1990 TOTAL	17,369	5,215	906	23,489
January	17,741	5,142	913	23,796
February	17,382	5,161	910	23,453
March	17,741	5,151	913	23,805
April	17,332	5,131	908	23,371
May	17,574	5,108	908	23,590
June	17,681	5,085	884	23,650
July	17,663	5,116	833	23,612
August	17,727	5,169	829	23,725
September	17,521	5,143	814	23,478
October	17,607	5,164	808	23,579
November	17,811	5,183	837	23,831
December	18,988	5,159	864	25,011
1991 TOTAL	17,731	5,143	868	23,742



TABLE 22

LOUISIANA PRODUCING NATURAL GAS WELLS  
Excluding Federal OCS

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	4,511	1,643	311	6,465
1971	4,449	1,581	327	6,357
1972	4,664	1,517	316	6,498
1973	4,927	1,492	332	6,751
1974	5,159	1,473	313	6,944
1975	5,373	1,394	308	7,075
1976	5,851	1,396	362	7,609
1977	6,343	1,408	449	8,200
1978	6,915	3,253	472	10,640
1979	7,372	3,214	514	11,100
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	14,181
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
January	10,958	2,459	519	13,936
February	10,792	2,469	518	13,779
March	10,876	2,477	519	13,872
April	10,667	2,415	514	13,596
May	10,733	2,418	510	13,661
June	10,699	2,320	511	13,530
July	10,751	2,403	507	13,661
August	10,879	2,371	510	13,760
September	10,848	2,387	512	13,747
October	10,800	2,385	509	13,694
November	10,798	2,390	509	13,697
December	10,820	2,391	507	13,718
1990 TOTAL	10,802	2,407	512	13,721
January	10,762	2,355	511	13,628
February	10,849	2,359	496	13,704
March	10,762	2,355	511	13,628
April	10,839	2,282	492	13,613
May	10,783	2,257	495	13,535
June	10,636	2,252	491	13,379
July	10,514	2,249	489	13,252
August	10,693	2,212	494	13,399
September	10,637	2,198	489	13,324
October	10,584	2,172	491	13,247
November	10,596	2,220	498	13,314
December	10,765	2,221	497	13,483
1991 TOTAL	10,702	2,261	496	13,459

FIGURE 11  
LOUISIANA WELL COMPLETIONS BY TYPE

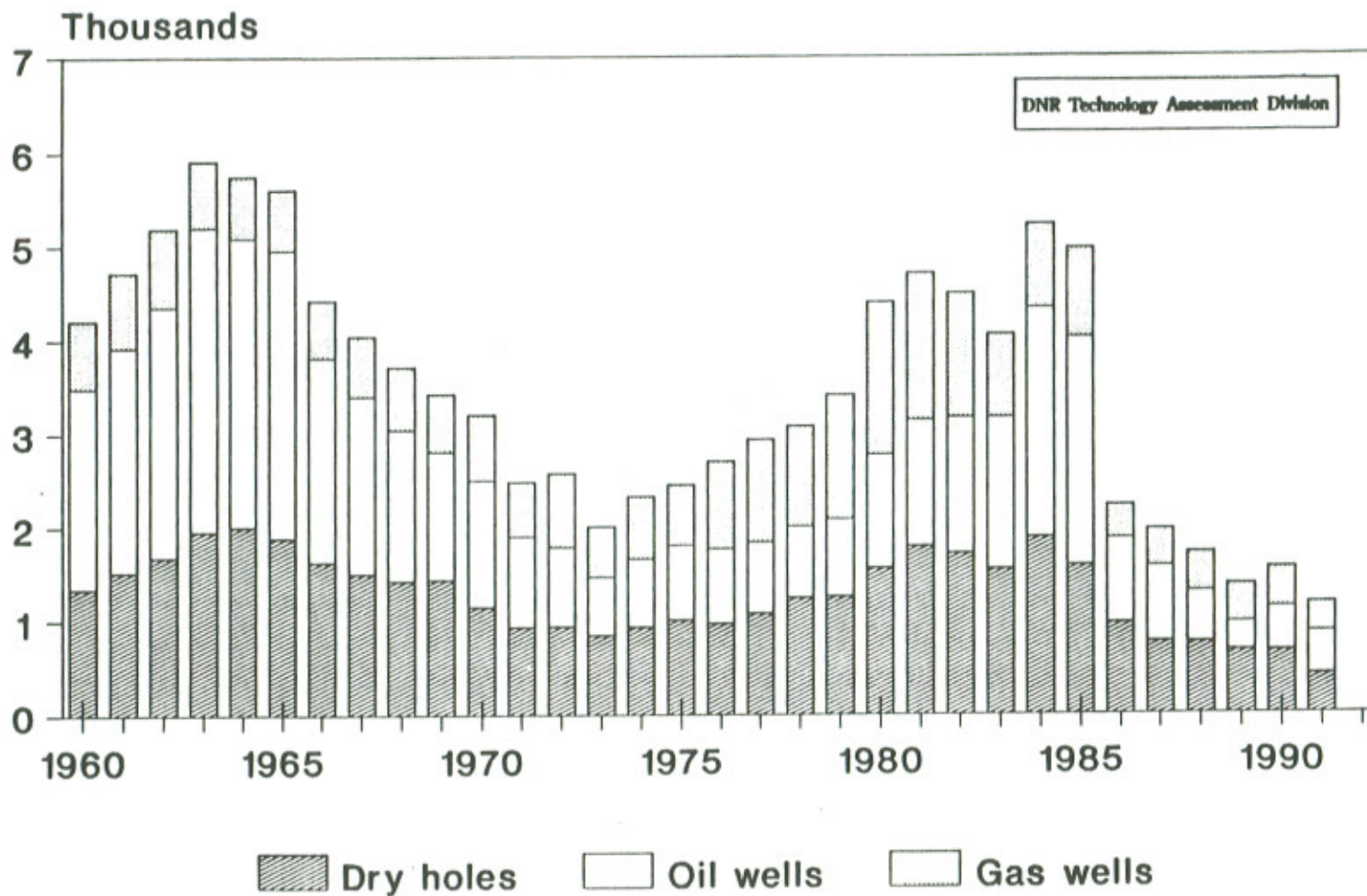




TABLE 23

## LOUISIANA WELL COMPLETIONS BY TYPE AND BY REGION

	<u>YEAR</u>	<u>OFFSHORE</u>	<u>SOUTH</u>	<u>NORTH</u>	<u>TOTAL</u>
C R O U I D L E	1975	31	370	395	796
	1976	31	332	434	797
	1977	28	279	453	760
	1978	42	262	467	771
	1979	28	244	552	824
	1980	20	272	926	1,218
	1981	18	296	977	1,291
	1982	13	305	1,137	1,455
	1983	22	315	1,290	1,627
	1984	89	440	1,926	2,455
	1985	27	448	1,965	2,440
	1986	24	241	640	905
	1987	21	348	434	803
	1988	11	211	312	534
	1989	7	126	170 <sup>R</sup>	303 <sup>R</sup>
1990	9 <sup>R</sup>	164 <sup>R</sup>	288 <sup>R</sup>	461 <sup>R</sup>	
1991	21	173	254	448	
N A T G U R S A L	1975	23	205	420	648
	1976	19	211	705	935
	1977	28	297	773	1,098
	1978	43	302	722	1,067
	1979	30	312	989	1,331
	1980	40	282	1,301	1,623
	1981	31	314	1,167	1,512
	1982	50	331	944	1,325
	1983	25	224	635	884
	1984	28	240	628	896
	1985	28	240	678	946
	1986	9	145	198	352
	1987	5	124	264	393
	1988	11	149	258	418
	1989	17	132	254 <sup>R</sup>	403 <sup>R</sup>
1990	11	157 <sup>R</sup>	258 <sup>R</sup>	426 <sup>R</sup>	
1991	8	119	179	306	
D R Y	1975	40	580	390	1,010
	1976	32	536	404	972
	1977	23	565	490	1,078
	1978	18	631	589	1,238
	1979	36	643	575	1,254
	1980	51	682	822	1,555
	1981	52	842	869	1,763
	1982	38	696	978	1,712
	1983	52	575	915	1,542
	1984	41	734	1,106	1,881
	1985	37	571	974	1,582
	1986	17	442	503	962
	1987	14	302	435	766 <sup>R</sup>
	1988	17	325	418	760
	1989	13 <sup>R</sup>	281 <sup>R</sup>	373 <sup>R</sup>	667 <sup>R</sup>
1990	15 <sup>R</sup>	283 <sup>R</sup>	366 <sup>R</sup>	664 <sup>R</sup>	
1991	10	190	214	414	

<sup>R</sup>Revised

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TABLE 24

LOUISIANA MINERAL ROYALTY REVENUE  
Excluding Federal OCS  
(Million Dollars)

<u>DATE</u>	<u>OIL</u>	<u>GAS</u>	<u>PLANT PRODUCTS</u>	<u>OTHER MINERALS</u>	<u>TOTAL</u>
1970	108.36	34.55	2.55	1.11	146.57
1971	113.73	35.29	3.04	1.03	153.09
1972	101.63	38.83	3.15	1.21	144.83
1973	100.03	38.67	4.05	1.15	143.89
1974	118.23	42.47	7.01	1.18	168.88
1975	105.27	49.08	6.20	2.30	162.84
1976	98.17	60.76	7.37	2.74	169.04
1977	90.98	74.69	9.36	2.86	177.89
1978	92.61	92.14	8.76	2.39	195.90
1979	98.30	113.65	11.50	3.36	226.82
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 <sup>R</sup>	1.96	285.34
1987	125.72 <sup>R</sup>	120.54 <sup>R</sup>	4.90 <sup>R</sup>	1.60	252.76
1988	98.55 <sup>R</sup>	132.06 <sup>R</sup>	4.39 <sup>R</sup>	1.35	236.35
1989	112.30 <sup>R</sup>	116.18 <sup>R</sup>	3.92 <sup>R</sup>	1.42	233.82
January	10.20 <sup>R</sup>	13.60 <sup>R</sup>	0.37	0.12 <sup>R</sup>	24.29
February	9.67 <sup>R</sup>	11.07 <sup>R</sup>	0.30 <sup>R</sup>	0.09 <sup>R</sup>	21.13
March	9.57 <sup>R</sup>	9.31 <sup>R</sup>	0.24 <sup>R</sup>	0.08 <sup>R</sup>	19.21
April	8.49 <sup>R</sup>	8.30	0.19	0.07 <sup>R</sup>	17.04
May	8.36 <sup>R</sup>	8.24 <sup>R</sup>	0.22	0.08 <sup>R</sup>	16.89
June	7.37	8.03 <sup>R</sup>	0.19	0.07 <sup>R</sup>	15.67
July	8.46	7.70 <sup>R</sup>	0.22 <sup>R</sup>	0.07 <sup>R</sup>	16.45
August	12.49	7.13 <sup>R</sup>	0.25	0.08 <sup>R</sup>	19.96
September	14.76 <sup>R</sup>	7.27 <sup>R</sup>	0.35	0.07 <sup>R</sup>	22.44
October	17.76	8.44 <sup>R</sup>	0.49	0.06 <sup>R</sup>	26.75
November	15.51 <sup>R</sup>	10.35 <sup>R</sup>	0.49 <sup>R</sup>	0.05 <sup>R</sup>	26.41
December	12.79 <sup>R</sup>	11.73 <sup>R</sup>	0.48 <sup>R</sup>	0.05 <sup>R</sup>	25.05
1990 TOTAL	135.43 <sup>R</sup>	111.16 <sup>R</sup>	3.80 <sup>R</sup>	0.90 <sup>R</sup>	251.28
January	11.51	10.22	0.43	0.04	22.20
February	8.84	6.64	0.26	0.03	15.78
March	9.74	7.36	0.35	0.05	17.49
April	10.10	6.97	0.38	0.04	17.49
May	10.22	6.65	0.39	0.04	17.29
June	9.41	5.78	0.34	0.04	15.56
July	10.22	5.39	0.29	0.03	15.93
August	10.15	5.56	0.29	0.04	16.03
September	9.72	6.10	0.33	0.02	16.17
October	10.75	8.23	0.40	0.03	19.42
November	10.12	8.48	0.37	0.03	19.00
December	9.44	9.11	0.26	0.03	18.84
1991 TOTAL	120.23	86.48	4.08	0.42	211.21

<sup>R</sup>Revised

Note: Settlements of past due royalty are included in the year that payments are received.

Other Minerals include: sulfur, salt, lignite, etc.

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TABLE 25

LOUISIANA MINERAL BONUSES, RENTALS AND ROYALTY OVERRIDE REVENUE  
 Excluding Federal OCS  
 (Million Dollars)

<u>DATE</u>	<u>BONUSES</u>	<u>OVERRIDE ROYALTY</u>	<u>RENTALS</u>	<u>TOTAL</u>
1970	8.05	0.01	1.82	9.88
1971	12.53	0.00	2.00	14.53
1972	8.53	0.00	2.08	10.61
1973	6.56	0.00	1.92	8.48
1974	47.41	0.00	2.65	50.06
1975	27.96	0.00	4.39	32.35
1976	56.02	0.02	6.00	62.04
1977	19.16	0.27	12.25	31.68
1978	97.58	0.48	15.61	113.67
1979	108.67	0.33	22.19	131.18
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
January	1.29	0.02	0.51	1.82
February	2.73	0.02	0.73	3.48
March	0.10	0.03	1.14	1.27
April	5.63	0.03	0.00	5.66
May	1.20	0.02	0.80	2.02
June	2.80	0.02	0.29	3.11
July	0.63	0.02	0.54	1.19
August	0.66	0.00	0.27	0.93
September	1.51	0.06	0.63	2.20
October	0.23	0.02	0.14	0.39
November	1.28	0.02	1.72	3.02
December	0.95	0.06	0.00	1.01
1990 TOTAL	19.02	0.32	6.76	26.10
January	0.58	0.03	0.66	1.27
February	0.95	0.02	0.61	1.58
March	1.51	0.02	0.71	2.24
April	1.00	0.03	2.67	3.70
May	0.67	0.02	0.07	0.76
June	0.81	0.03	0.58	1.42
July	0.29	0.02	1.34	1.65
August	0.52	0.02	0.38	0.92
September	0.95	0.09	0.35	1.39
October	0.54	0.01	0.52	1.07
November	1.92	0.02	0.18	2.11
December	0.09	0.01	0.63	0.73
1991 TOTAL	9.82	0.32	8.71	18.85

TABLE 26

LOUISIANA MINERAL SEVERANCE TAX REVENUE<sup>7</sup>  
 Excluding Federal OCS  
 (Million Dollars)

<u>DATE</u>	<u>OIL</u>	<u>GAS</u>	<u>OTHER MINERALS</u>	<u>SEVERANCE TOTAL</u>
1970	129.80	116.31	3.57	249.67
1971	127.76	115.03	3.59	246.38
1972	117.29	130.68	3.41	251.38
1973	106.62	169.80	3.62	280.05
1974	276.71	221.58	3.67	501.95
1975	278.77	234.34	N/A	513.10
1976	273.71	216.76	N/A	490.47
1977	261.91	206.88	N/A	468.79
1978	264.19	195.52	N/A	459.71
1979	276.40	186.87	N/A	463.27
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
January	20.34	9.43	0.21	29.98
February	36.81	9.73	0.15	46.69
March	28.73	8.97	0.26	37.96
April	27.59	9.14	0.19	36.92
May	25.67	9.10	0.32	35.09
June	16.01	6.54	0.15	22.69
July	29.76	11.33	0.46	41.56
August	21.50	11.24	0.19	32.93
September	37.69	13.06	0.20	50.95
October	41.94	12.13	0.23	54.30
November	45.61	12.27	0.20	58.08
December	41.56	11.66	0.20	53.42
<b>1990 TOTAL</b>	<b>373.21</b>	<b>124.61</b>	<b>2.75</b>	<b>500.58</b>
January	49.68	15.65	0.17	65.50
February	33.04	14.35	0.14	47.53
March	26.48	11.54	0.16	38.19
April	31.56	13.22	0.16	44.93
May	28.21	13.51	0.20	41.92
June	24.47	11.42	0.16	36.04
July	31.44	13.86	0.18	45.48
August	26.78	10.77	0.17	37.72
September	27.60	10.81	0.15	38.56
October	27.53	9.65	0.15	37.32
November	34.30	11.27	0.17	45.74
December	26.05	10.79	0.15	36.99
<b>1991 TOTAL</b>	<b>367.13</b>	<b>146.83</b>	<b>1.97</b>	<b>515.93</b>

Note: Forest and shell severance are not included in the above table.

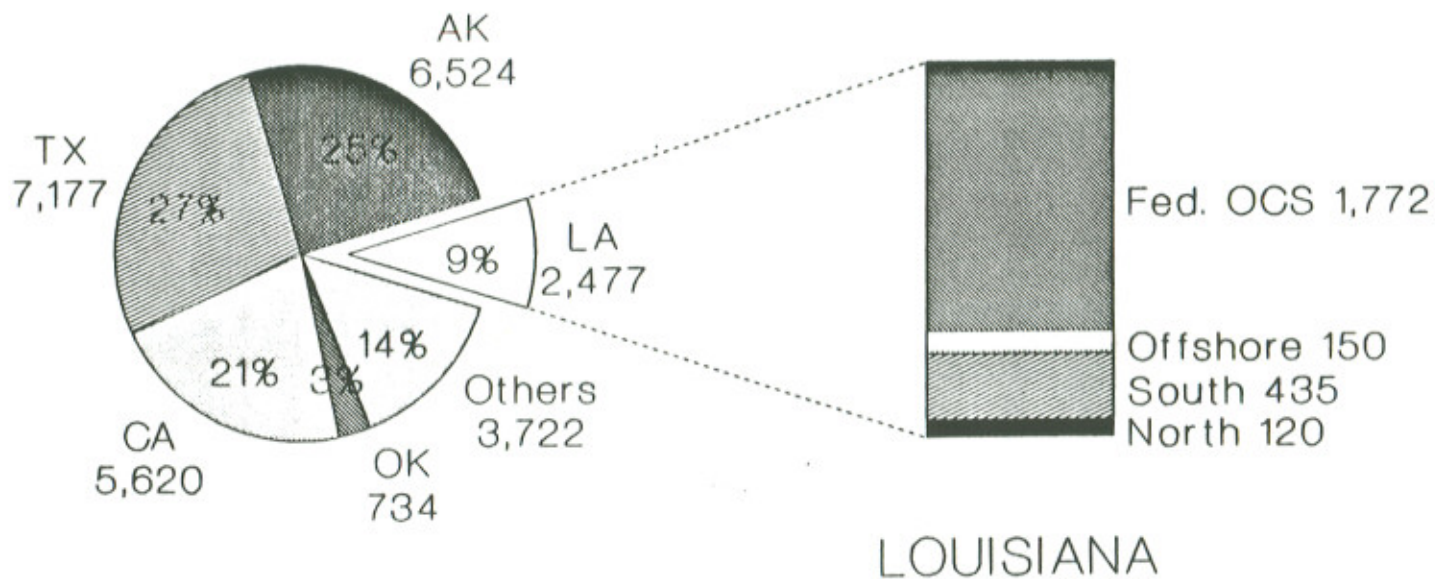
Other Minerals include: sulfur, salt, lignite, etc.

See footnotes in Appendix A.

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**FIGURE 12**  
**1991 UNITED STATES CRUDE OIL RESERVES**  
**Million Barrels**



SOURCE: U.S. Department of Energy

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TABLE 27

LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES<sup>8</sup>  
 EXCLUDING LEASE CONDENSATE  
 As of December 31st of Each Year  
 (Million Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1977	244	1,382	1,974	N/A	3,600
1977	244	1,382	1,974	N/A	3,600
1978	255	1,242	1,951	N/A	3,448
1979	216	682	1,882	N/A	2,780
1980	248	682	1,821	N/A	2,751
1981	317	642	2,026	N/A	2,985
1982	240	611	1,677	N/A	2,528
1983	223	569	1,915	N/A	2,707
1984	165	585	1,911	N/A	2,661
1985	196	565	122	1,759	2,642
1986	160	547	119	1,640	2,466
1987	175	505	127	1,514	2,321
1988	154	511	135	1,527	2,327
1989	123	479	143	1,691	2,436
1990	120	435	150	1,772	2,477

NOTE: Federal OCS is included in the south offshore figure from 1977 through 1984.

TABLE 28

LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES<sup>8</sup>  
 As of December 31st of Each Year  
 (Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1977	3,135	18,580	35,295	N/A	57,010
1978	3,203	14,755	34,767	N/A	55,725
1979	2,798	13,994	33,250	N/A	50,042
1980	3,076	13,026	31,223	N/A	47,325
1981	3,270	12,645	31,462	N/A	47,377
1982	2,919	11,801	30,203*	N/A	44,923*
1983	2,939	11,142	28,480*	N/A	42,561*
1984	2,494	10,331	28,574*	N/A	41,399*
1985	2,587	9,808	1,643	26,113*	40,151*
1986	2,515	9,103	1,312	25,454*	38,384*
1987	2,306	8,693	1,431	23,260*	35,690*
1988	2,398	8,654	1,172	23,471*	35,695*
1989	2,652	8,645	1,219	24,187*	36,703*
1990	2,588	8,171	969	22,679*	34,407*

NOTE: Federal OCS is included in the south offshore figure from 1977 through 1984.

\*Alabama State and Federal Offshore are included.

See footnotes in Appendix A.



TABLE 29

LOUISIANA ESTIMATED LEASE CONDENSATE PROVED RESERVES<sup>8</sup>  
 As of December 31st of Each Year  
 (Million Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1979	42	263	309	N/A	614
1980	36	267	296	N/A	599
1981	36	253	280	N/A	569
1982	26	243	310	N/A	579
1983	24	238	300	N/A	562
1984	19	229	269	N/A	517
1985	18	220	257	N/A	495
1986	18	208	11	230	467
1987	17	194	13	223	447
1988	17	193	13	223	446
1989	20	196	12	278	506
1990	20	182	12	258	472

NOTE: Federal OCS is included in the south offshore figure from 1979 through 1985.

TABLE 30

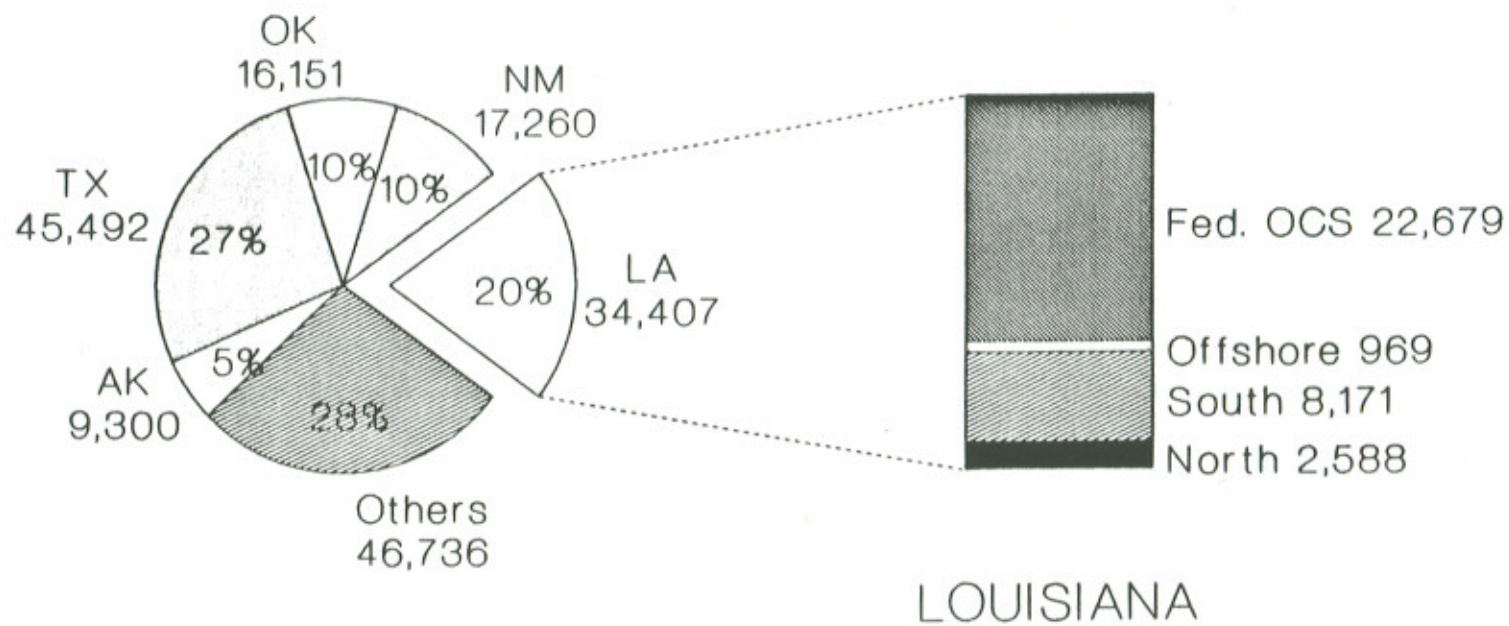
LOUISIANA ESTIMATED NATURAL GAS LIQUIDS PROVED RESERVES<sup>8</sup>  
 EXCLUDING LEASE CONDENSATE  
 As of December 31st of Each Year  
 (Million Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1979	63	560	373	N/A	996
1980	60	409	356	N/A	825
1981	59	287	431	N/A	777
1982	73	301	374	N/A	748
1983	61	263	409	N/A	733
1984	55	298	462	N/A	815
1985	39	234	420	N/A	693
1986	39	220	28	336	623
1987	33	235	33	309	610
1988	39	228	27	289	583
1989	40	215	39	297	591
1990	38	249	37	261	585

NOTE: Federal OCS is included in the south offshore figure from 1979 through 1985.

See footnotes in Appendix A.

**FIGURE 13**  
**1991 UNITED STATES NATURAL GAS RESERVES**  
**Billion Cubic Feet**



SOURCE: U.S. Department of Energy

DNR Technology Assessment Division



TABLE 31

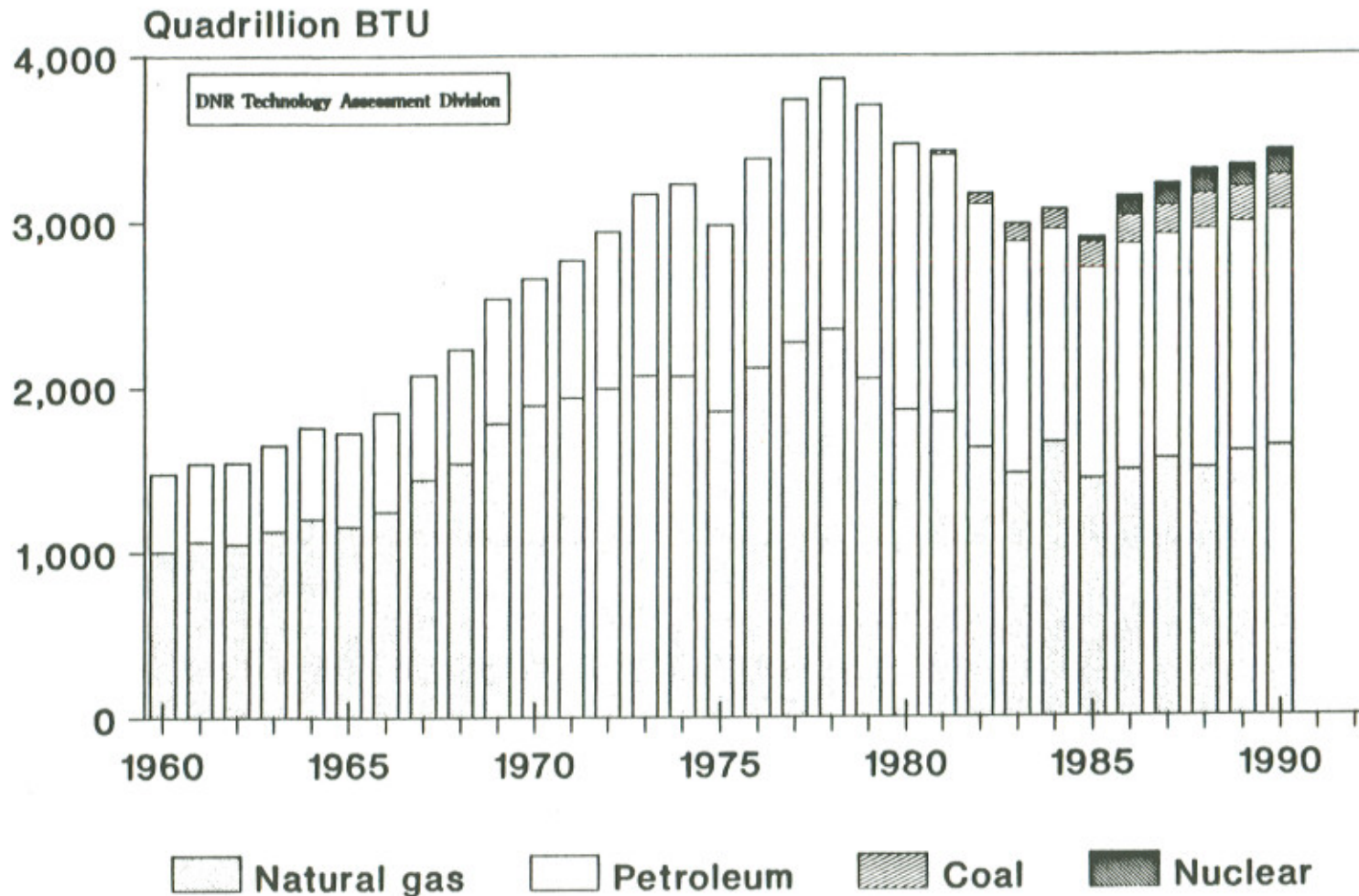
LOUISIANA NONAGRICULTURAL EMPLOYMENT<sup>1</sup>

<u>DATE</u>	<u>OIL &amp; GAS PRODUCTION</u>	<u>CHEMICAL INDUSTRY</u>	<u>OIL REFINING</u>	<u>OIL PIPELINE</u>	<u>TOTAL EMPLOYMENT</u>
1970	46,334	23,649	10,355	900	1,203,000
1971	46,081	23,848	10,384	900	1,230,000
1972	48,779	23,954	10,216	900	1,241,000
1973	49,794	25,045	10,798	900	1,287,000
1974	56,254	26,133	10,946	900	1,280,000
1975	59,950	26,419	10,570	950	1,336,000
1976	62,678	28,904	10,499	900	1,285,500
1977	64,032	30,446	10,678	900	1,444,600
1978	70,678	31,627	11,599	1,000	1,509,100
1979	74,017	31,831	12,608	1,100	1,554,370
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
January	52,430	28,559	11,351	1,020	1,503,161
February	52,698	28,719	11,386	1,020	1,507,542
March	52,840	28,368	11,406	1,021	1,515,605
April	53,228	28,850	11,412	1,022	1,535,120
May	53,330	28,961	11,427	1,027	1,556,094
June	53,445	29,158	11,584	1,055	1,556,426
July	54,483	29,243	11,630	1,064	1,541,307
August	54,731	29,291	11,703	1,070	1,552,524
September	54,240	29,343	11,677	1,053	1,565,906
October	55,104	29,275	11,557	1,042	1,571,648
November	55,715	29,407	11,606	1,045	1,572,497
December	55,659	29,499	11,673	1,048	1,570,528 <sup>R</sup>
1990 AVERAGE	53,992	29,056 <sup>R</sup>	11,534	1,041	1,545,697 <sup>R</sup>
January	55,342	28,846	12,005	1,042	1,534,675
February	55,283	28,913	12,064	1,038	1,537,330
March	55,480	29,034	12,109	1,043	1,550,337
April	55,396	29,209	12,093	1,042	1,560,343
May	55,397	29,287	12,154	1,060	1,574,843
June	55,559	29,552	12,300	1,090	1,583,530
July	55,160	29,606	12,359	1,105	1,560,990
August	54,830	29,600	12,399	1,102	1,568,395
September	53,950	29,493	12,405	1,087	1,580,065
October	52,700	30,300	11,200	1,098	1,571,648
November	52,200	30,330	11,200	1,096	1,572,497
December	51,800	30,400	11,200	1,094	1,570,890
1991 AVERAGE	54,425	29,548	11,957	1,075	1,563,795

<sup>R</sup>Revised

See footnotes in Appendix A.

**FIGURE 14**  
**LOUISIANA ENERGY CONSUMPTION BY SOURCE**



SOURCE: U.S. Department of Energy



TABLE 32

LOUISIANA ENERGY CONSUMPTION ESTIMATES BY SOURCE<sup>10</sup>

<u>YEAR</u>	<u>TOTAL ENERGY</u> TBTU	<u>NATURAL GAS</u> BCF	<u>TOTAL PETROLEUM</u> MMBLS	<u>COAL</u> MST	<u>NUCLEAR</u> MMKWH
1960	1,469	970	88,852 <sup>R</sup>	N/A	0
1961	1,534	1,029	89,889 <sup>R</sup>	N/A	0
1962	1,548	1,015	94,051 <sup>R</sup>	N/A	0
1963	1,651	1,091	99,427 <sup>R</sup>	N/A	0
1964	1,755	1,144	106,260 <sup>R</sup>	N/A	0
1965	1,729	1,110	109,325 <sup>R</sup>	N/A	0
1966	1,843	1,202	115,895 <sup>R</sup>	N/A	0
1967	2,087	1,394	123,074 <sup>R</sup>	N/A	0
1968	2,255	1,521	134,822 <sup>R</sup>	N/A	0
1969	2,532	1,763	148,052 <sup>R</sup>	N/A	0
1970	2,660	1,841	150,124 <sup>R</sup>	0	0
1971	2,768	1,884	163,298 <sup>R</sup>	0	0
1972	2,945	1,940	186,445 <sup>R</sup>	0	0
1973	3,180	2,010	212,662 <sup>R</sup>	0	0
1974	3,269	2,008	222,611 <sup>R</sup>	0	0
1975	2,987	1,789	214,065 <sup>R</sup>	0	0
1976	3,374	2,044	237,208 <sup>R</sup>	0	0
1977	3,748	2,191	270,987 <sup>R</sup>	79	0
1978	3,882	2,249	279,482 <sup>R</sup>	172	0
1979	3,779	1,978	307,896 <sup>R</sup>	118	0
1980	3,594	1,794	296,347 <sup>R</sup>	111	0
1981	3,615	1,782	295,551 <sup>R</sup>	1,363	0
1982	3,369	1,556	287,818 <sup>R</sup>	3,724	0
1983	3,209	1,413	276,220 <sup>R</sup>	6,154	0
1984	3,338 <sup>R</sup>	1,594	248,977 <sup>R</sup>	6,855	0
1985	3,120 <sup>R</sup>	1,386	248,327 <sup>R</sup>	9,217	2,457
1986	3,251 <sup>R</sup>	1,439	260,617 <sup>R</sup>	10,459	10,637
1987	3,334 <sup>R</sup>	1,501	257,288 <sup>R</sup>	10,391	12,324
1988	3,364 <sup>R</sup>	1,446	271,537 <sup>R</sup>	12,848	13,785
1989	3,435 <sup>R</sup>	1,538 <sup>R</sup>	258,988 <sup>R</sup>	12,471	12,391
1990	3,494	1,571	267,403	12,547	14,197

TBTU = Trillion BTU  
 BCF = Billion Cubic Feet  
 MMBLS = Thousand Barrels  
 MST = Thousand Short Tons  
 MMKWH = Million Kilowatt-hours

<sup>R</sup>Revised

See footnotes in Appendix A.

TABLE 33

LOUISIANA REFINERY STATISTICS  
(Barrels)

<u>DATE</u>	<u>AVERAGE STOCK ON HAND</u>	<u>DAILY AVERAGE RUNS TO STILL</u>	<u>LICENSED REFINERIES</u>
1970	5,802,000	1,228,313	18
1971	6,055,223	1,247,880	18
1972	6,438,253	1,444,129	18
1973	6,393,788	1,511,498	18
1974	7,311,888	1,494,528	18
1975	8,842,871	1,517,909	20
1976	11,114,424	1,681,034	21
1977	13,978,218	1,890,650	23
1978	13,509,825	1,857,223	25
1979	13,525,870	1,905,514	29
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
January	14,938,282	2,181,471	20
February	13,721,987	2,156,294	21
March	15,087,505	2,056,843	22
April	14,191,413	2,029,557	22
May	14,987,072	2,105,847	23
June	12,906,605	2,082,224	23
July	13,928,307	2,094,073	23
August	14,794,047	2,027,055	23
September	14,383,544	2,025,214	23
October	13,927,032	1,939,336	23
November	13,671,753	2,161,737	24
December	13,362,127	1,755,992	24
1989 AVERAGE	14,158,306	2,051,304	23
January	13,626,856	1,869,608	23
February	12,409,057	1,996,322	23
March	14,140,716	1,890,925	23
April	14,557,065	1,977,683	23
May	14,184,283	2,098,180	23
June	12,695,054	2,091,552	23
July	13,906,397	2,149,664	23
August	14,701,943	2,171,118	22
September	14,186,347	2,150,479	22
October	14,352,903	2,036,606	22
November	14,036,295	2,053,880	22
December	12,599,228	2,062,343	21
1990 AVERAGE	13,783,012	2,045,697	22



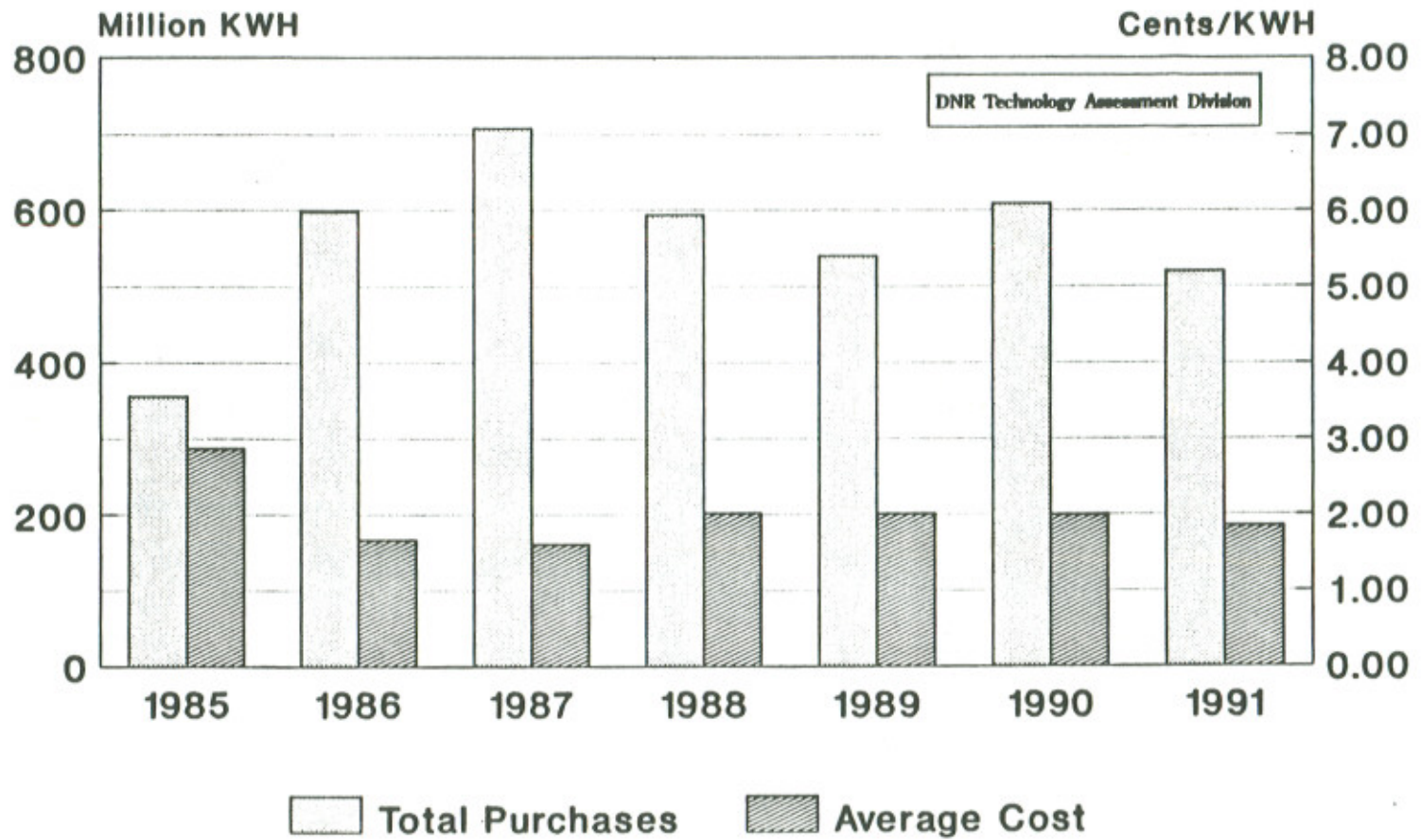
TABLE 34

LOUISIANA ELECTRIC UTILITIES NET ELECTRICITY GENERATION  
 BY FUEL TYPE, 1960-1991  
 (Million KWH)

<u>YEAR</u>	<u>TOTAL</u>	<u>COAL</u>	<u>OIL</u>	<u>GAS</u>	<u>NUCLEAR</u>
1960	11,865	-	28	11,837	-
1961	12,628	-	23	12,605	-
1962	13,575	-	34	13,541	-
1963	14,835	-	37	14,808	-
1964	16,061	-	54	16,007	-
1965	17,845	-	26	17,819	-
1966	21,667	-	24	21,643	-
1967	23,152	-	20	23,132	-
1968	26,155	-	32	26,123	-
1969	32,327	-	26	32,301	-
1970	33,703	-	79	33,623	-
1971	37,118	-	-	-	-
1972	39,348	-	-	-	-
1973	41,474	-	4,353	36,351	-
1974	39,504	-	5,034	34,472	-
1975	39,224	-	3,257	35,967	-
1976	45,116	-	7,773	37,343	-
1977	48,451	-	13,255	35,196	-
1978	51,205	-	14,283	36,921	-
1979	46,655	-	8,260	38,394	-
1980	45,744	-	4,789	40,956	-
1981	44,111	1,528	2,535	39,948	-
1982	41,532	4,998	940	35,594	-
1983	37,044	8,377	356	28,311	-
1984	39,330	9,830	140	29,360	-
1985	44,261	13,968	100	27,736	2,457
1986	52,843	15,586	419	26,202	10,637
1987	51,309	15,102	60	23,823	12,324
1988	56,774	18,431	272	24,286	13,785
1989 <sup>12</sup>	52,670	18,081	298	21,900	12,391
1990 <sup>12</sup>	58,188	17,800	130	26,061	14,197
1991 <sup>13</sup>	56,982	18,912	45	24,069	13,956

See footnotes in Appendix A.

**FIGURE 15  
COGENERATION POWER PURCHASES BY  
LOUISIANA ELECTRIC UTILITIES**



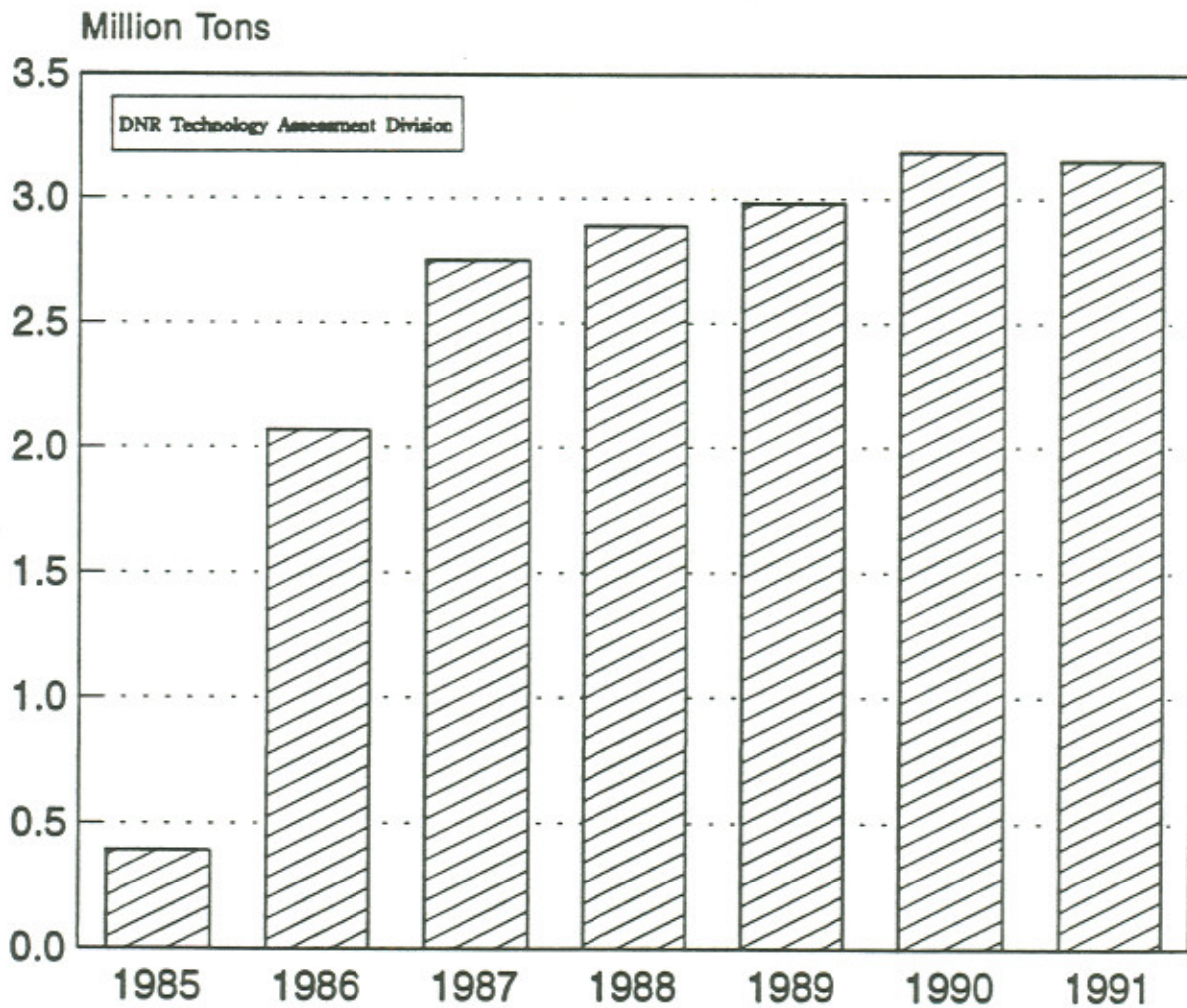
**SOURCE:** Louisiana Public Service Commission and unpublished DNR publication.



FIGURE 16

# LOUISIANA LIGNITE PRODUCTION

YEAR	TONS
1985	392,815
1986	2,067,867
1987	2,750,652
1988	2,889,489
1989	2,982,559
1990	3,186,189
1991	3,150,748



Source: Louisiana Geological Survey

## APPENDIX A

### 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.: UNITED STATES 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-- PETROLEUM MARKETING MONTHLY and PETROLEUM MARKETING ANNUAL, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 6-- PETROLEUM SUPPLY MONTHLY and PETROLEUM SUPPLY ANNUAL, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 7-- SEVERANCE TAX, Baton Rouge, LA: Louisiana Department of Revenue and Taxation, Severance Tax Section.
- 8-- U.S. CRUDE OIL, NATURAL GAS and NATURAL GAS LIQUIDS RESERVES, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 9-- THE WALL STREET JOURNAL, Gulf Coast Edition, Beaumont, TX: Dow Jones and Company.
- 10-- STATE ENERGY DATA REPORT, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 11-- FEDERAL OFFSHORE STATISTICS, Washington D.C.: U.S. Department of the Interior, Minerals Management Service.
- 12-- STATISTICAL YEARBOOK OF THE ELECTRIC UTILITY INDUSTRY, Washington, D.C.: Edison Electric Institute.
- 13-- ELECTRIC POWER MONTHLY, (March 1992, Tables 6, 7, 8, 11, and 15 - data are preliminary) Washington D.C.: U.S. Department of Energy, Energy Information Administration.



## GLOSSARY

**CASINGHEAD GAS** -- All natural gas released from oil during the production of oil from underground reservoirs.

**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**

**F.O.B.** -- Literally means "Free on Board". The f.o.b. price of imported crude oil is the price actually charged at the producing country's port of loading. It is the responsibility of the buyer to arrange for the transportation and insurance.

**LANDED** -- The landed price of imported crude oil represents 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.

**LOUISIANA FEDERAL 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.

**LOUISIANA REFINERY POSTED** -- The average price from a survey of selected refiners' postings for South Louisiana Sweet crude, which are effective on the middle and the end of the month.

**LOUISIANA ROYALTY VOLUME** -- The average wellhead price calculated from revenue received and volumes reported to the Louisiana Department of Natural Resources.

**LOUISIANA SEVERANCE TAXED VOLUME** -- The average wellhead price calculated from oil severance taxes paid to the Louisiana Department of Revenue and Taxation.

**LOUISIANA STATE WELLHEAD** -- The average price at which all Louisiana crude oil, excluding Louisiana federal O.C.S., is first purchased as reported in a survey by the U.S. Department of Energy, Energy Information Administration.

**REFINERY ACQUISITION COSTS (RAC)** -- The RAC of crude oil is 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) **COMBINED** -- The weighted average of domestic and imported prices.



- b) **DOMESTIC** -- The average price of crude oil that is produced in the United States or from the outer continental shelf of the U.S.
- c) **IMPORTS** -- The average price of any crude oil that is not reported as domestic.

**WELLHEAD** -- The wellhead price represents the average price at which all domestic crude oil is first purchased.

**DRY GAS** -- (See **NATURAL GAS, "DRY"**).

**FEDERAL OFFSHORE** or **FEDERAL OCS** -- (See **LOUISIANA OCS**)

**FOB Price (Free on board)** -- The FOB price is 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.

**LEASE CONDENSATE** -- A mixture consisting primarily of pentane and heavier hydrocarbons which 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 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.

**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.

**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 which 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 volumes of natural gas which remain after: (1) the liquefiable hydrocarbon portion has been removed from the gas stream, and (2) any volumes of non-hydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable.



**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 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 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.

**NATURAL GAS, Wet After Lease Separation** -- The volume of natural gas remaining after removal of lease condensate in lease and/or field separation facilities, if any, and after exclusion of non-hydrocarbon gases where they occur in sufficient quantities to render the gas unmarketable. Natural gas liquids may be recovered from volumes of natural gas, wet after lease separation, at natural gas processing plants.

**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.

**PROVED RESERVES OF CRUDE OIL** -- Proved reserves of crude oil as of December 31 of the report year are 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** -- Proved reserves of lease condensate as of December 31 of the report year are the volumes of lease condensate 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** -- Proved reserves of natural gas as of December 31 of the report year are the estimated quantities 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** -- Proved reserves of natural gas liquids as of December 31 of the report year are those volumes of natural gas liquids (including lease condensate), 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.

**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: (1) that portion delineated by drilling and defined by gas-oil and/or gas-water contacts, if any; and (2) 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.

**STATE OFFSHORE** -- (See LOUISIANA OFFSHORE).



APPENDIX C

STANDARD ABBREVIATIONS FOR STATE NAMES

AL	Alabama	MT	Montana
AK	Alaska	NE	Nebraska
AZ	Arizona	NV	Nevada
AR	Arkansas	NH	New Hampshire
CA	California	NJ	New Jersey
CO	Colorado	NM	New Mexico
CT	Connecticut	NY	New York
DE	Delaware	NC	North Carolina
DC	District of Columbia	ND	North Dakota
FL	Florida	OH	Ohio
GA	Georgia	OK	Oklahoma
HA	Hawaii	OR	Oregon
ID	Idaho	PA	Pennsylvania
IL	Illinois	PR	Puerto Rico
IN	Indiana	RI	Rhode Island
IA	Iowa	SC	South Carolina
KS	Kansas	SD	South Dakota
KY	Kentucky	TN	Tennessee
LA	Louisiana	TX	Texas
ME	Maine	UT	Utah
MD	Maryland	VT	Vermont
MA	Massachusetts	VA	Virginia
MI	Michigan	WA	Washington
MN	Minnesota	WV	West Virginia
MS	Mississippi	WI	Wisconsin
MO	Missouri	WY	Wyoming

APPENDIX D-1

LOUISIANA STATE GAS PRODUCTION, WET AFTER LEASE SEPARATION  
 Natural Gas and Casinghead Gas  
 Excluding Federal OCS  
 (Thousand Cubic Feet (MCF), at 14.73 psia and 60 degrees Fahrenheit)\*

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1970	464,426,260	4,514,214,306	628,303,614	5,606,944,013
1971	424,554,745	4,441,524,253	631,977,808	5,498,056,830
1972	431,484,416	4,369,692,617	622,797,970	5,423,975,031
1973	407,412,583	3,992,829,576	567,944,258	4,968,186,399
1974	366,640,191	3,479,726,535	527,284,573	4,373,651,233
1975	348,087,178	2,963,533,670	519,686,887	3,831,307,706
1976	354,699,745	2,684,596,879	523,207,556	3,562,504,096
1977	355,168,686	2,517,077,571	495,831,330	3,368,077,513
1978	339,810,635	2,324,919,111	499,536,520	3,164,266,266
1979	366,665,384 <sup>R</sup>	2,182,260,056 <sup>R</sup>	486,517,478 <sup>R</sup>	3,035,442,919 <sup>R</sup>
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 <sup>R</sup>	1,190,281,030 <sup>R</sup>	235,533,381 <sup>R</sup>	1,794,015,527 <sup>R</sup>
1988	385,240,490 <sup>R</sup>	1,203,110,971 <sup>R</sup>	220,427,212 <sup>R</sup>	1,808,778,674 <sup>R</sup>
1989	389,753,869 <sup>R</sup>	1,162,596,403 <sup>R</sup>	208,995,087 <sup>R</sup>	1,761,345,359 <sup>R</sup>
January	35,010,406 <sup>R</sup>	99,942,049 <sup>R</sup>	18,620,479 <sup>R</sup>	153,572,935 <sup>R</sup>
February	30,367,915 <sup>R</sup>	90,374,081 <sup>R</sup>	16,339,369 <sup>R</sup>	137,081,365 <sup>R</sup>
March	35,351,289 <sup>R</sup>	96,461,996 <sup>R</sup>	17,958,302 <sup>R</sup>	149,771,587 <sup>R</sup>
April	32,773,953 <sup>R</sup>	90,773,001 <sup>R</sup>	16,243,911 <sup>R</sup>	139,790,865 <sup>R</sup>
May	34,706,995 <sup>R</sup>	91,174,059 <sup>R</sup>	16,579,515 <sup>R</sup>	142,460,569 <sup>R</sup>
June	33,703,419 <sup>R</sup>	90,166,294 <sup>R</sup>	15,736,144 <sup>R</sup>	139,605,858 <sup>R</sup>
July	34,182,281 <sup>R</sup>	95,745,183 <sup>R</sup>	15,602,417 <sup>R</sup>	145,529,881 <sup>R</sup>
August	33,169,671 <sup>R</sup>	94,648,441 <sup>R</sup>	15,009,379 <sup>R</sup>	142,827,491 <sup>R</sup>
September	32,753,335 <sup>R</sup>	91,210,521 <sup>R</sup>	13,435,258 <sup>R</sup>	137,399,114 <sup>R</sup>
October	30,509,097 <sup>R</sup>	98,565,334 <sup>R</sup>	12,680,759 <sup>R</sup>	141,755,190 <sup>R</sup>
November	29,003,348 <sup>R</sup>	97,306,725 <sup>R</sup>	12,054,215 <sup>R</sup>	138,364,288 <sup>R</sup>
December	29,313,168 <sup>R</sup>	99,162,828 <sup>R</sup>	11,981,410 <sup>R</sup>	140,457,406 <sup>R</sup>
1990 TOTAL	390,844,876 <sup>R</sup>	1,135,530,512 <sup>R</sup>	182,241,160 <sup>R</sup>	1,708,616,548 <sup>R</sup>
January	34,731,921	103,346,992	14,513,485	152,592,399
February	31,623,447	92,590,575	12,840,378	137,054,400
March	33,273,712	101,164,137	14,374,886	148,812,735
April	32,823,982	98,224,850	14,019,915	145,068,747
May	33,970,901	95,039,308	13,626,868	142,637,077
June	33,129,357	93,046,629	11,727,284	137,903,269
July	32,460,781	90,410,886	10,820,727	133,692,394
August	31,988,265	90,247,614	11,350,639	133,586,517
September	31,258,832	86,588,125	10,774,235	128,621,192
October	32,580,275	94,906,287	12,916,405	140,402,967
November	31,280,382	96,998,704	13,211,134	141,490,219
December	32,573,811	102,226,544	13,425,438	148,225,793
1991 TOTAL	391,695,665	1,144,790,650	153,601,393	1,690,087,709

<sup>R</sup>Revised

\*See Table 9 for corresponding volumes at 15.025 psia.

DNR Technology Assessment Division



APPENDIX D-2

LOUISIANA TOTAL GAS PRODUCTION, WET AFTER LEASE SEPARATION  
 Natural Gas and Casinghead Gas  
 (Thousand Cubic Feet (MCF), at 14.73 psia and 60 degrees Fahrenheit)\*

DATE	-----OFFSHORE-----			TOTAL
	ONSHORE	STATE	FEDERAL OCS <sup>11</sup>	
1970	4,978,640,565	628,303,614	2,273,147,040	7,880,091,220
1971	4,866,078,997	631,977,808	2,634,014,031	8,132,070,837
1972	4,801,177,032	622,797,970	2,881,364,733	8,305,339,735
1973	4,400,242,159	567,944,258	3,055,628,236	8,023,814,653
1974	3,846,366,726	527,284,573	3,349,170,864	7,722,822,162
1975	3,311,620,847	519,686,887	3,332,169,057	7,163,476,791
1976	3,039,296,624	523,207,556	3,499,865,900	7,062,370,080
1977	2,872,246,257	495,831,330	3,647,513,674	7,015,591,261
1978	2,664,729,746	499,536,520	4,149,731,136	7,313,997,402
1979	2,548,925,441 <sup>R</sup>	486,517,478 <sup>R</sup>	4,158,521,710	7,193,964,629 <sup>R</sup>
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 <sup>R</sup>	1,636,780,437	254,824,829	2,927,832,264	4,819,437,530
1987 <sup>R</sup>	1,558,482,146	235,533,381	3,180,107,195	4,974,122,722
1988 <sup>R</sup>	1,588,351,461	220,427,212	3,096,881,628	4,905,660,302
1989 <sup>R</sup>	1,552,350,272	208,995,087	3,006,576,061	4,767,921,420
January	134,952,455 <sup>R</sup>	18,620,479 <sup>R</sup>	345,869,807 <sup>R</sup>	499,442,741 <sup>R</sup>
February	120,741,996 <sup>R</sup>	16,339,369 <sup>R</sup>	286,647,310 <sup>R</sup>	423,728,675 <sup>R</sup>
March	131,813,285 <sup>R</sup>	17,958,302 <sup>R</sup>	319,651,035 <sup>R</sup>	469,422,622 <sup>R</sup>
April	123,546,954 <sup>R</sup>	16,243,911 <sup>R</sup>	290,024,091 <sup>R</sup>	429,814,957 <sup>R</sup>
May	125,881,054 <sup>R</sup>	16,579,515 <sup>R</sup>	301,388,093 <sup>R</sup>	443,848,662 <sup>R</sup>
June	123,869,713 <sup>R</sup>	15,736,144 <sup>R</sup>	325,354,870 <sup>R</sup>	464,960,728 <sup>R</sup>
July	129,927,464 <sup>R</sup>	15,602,417 <sup>R</sup>	258,922,482 <sup>R</sup>	404,452,362 <sup>R</sup>
August	127,818,112 <sup>R</sup>	15,009,379 <sup>R</sup>	297,608,472 <sup>R</sup>	440,435,963 <sup>R</sup>
September	123,963,856 <sup>R</sup>	13,435,258 <sup>R</sup>	273,402,349 <sup>R</sup>	410,801,463 <sup>R</sup>
October	129,074,430 <sup>R</sup>	12,680,759 <sup>R</sup>	323,676,811 <sup>R</sup>	465,432,001 <sup>R</sup>
November	126,310,073 <sup>R</sup>	12,054,215 <sup>R</sup>	330,433,613 <sup>R</sup>	468,797,901 <sup>R</sup>
December	128,475,996 <sup>R</sup>	11,981,410 <sup>R</sup>	353,345,111 <sup>R</sup>	493,802,517 <sup>R</sup>
1990 TOTAL	1,526,375,388 <sup>R</sup>	182,241,160 <sup>R</sup>	3,706,324,044 <sup>R</sup>	5,414,940,592 <sup>R</sup>
January	138,078,914	14,513,485	297,787,086	450,379,485
February	124,214,021	12,840,378	277,613,625	414,668,024
March	134,437,849	14,374,886	333,599,234	482,411,969
April	131,048,832	14,019,915	288,135,241	433,203,987
May	129,010,208	13,626,868	292,459,229	435,096,305
June	126,175,985	11,727,284	288,639,241	426,542,510
July	122,871,667	10,820,727	260,331,549	394,023,943
August	122,235,879	11,350,639	286,046,073	419,632,590
September	117,846,957	10,774,235	281,514,243	410,135,434
October	127,486,562	12,916,405	332,820,819	473,223,787
November	128,279,086	13,211,134	314,802,998	456,293,217
December	134,800,355	13,425,438	343,114,518	491,340,311
1991 TOTAL	1,536,486,315	153,601,393	3,596,863,854	5,286,951,563

NOTE: The 1990 Federal OCS production is estimated from the marketed production.

See footnotes in Appendix A.

\*See Table 10 for corresponding volumes at 15.025 psia.

DNR Technology Assessment Division



APPENDIX D-3

FEDERAL OCS GAS PRODUCTION, WET AFTER LEASE SEPARATION<sup>11</sup>  
 Natural Gas and Casinghead Gas  
 (Thousand Cubic Feet (MCF) at 14.73 psia and 60 degrees Fahrenheit)\*

<u>YEAR</u>	<u>LOUISIANA</u>	<u>TEXAS</u>	<u>CALIFORNIA</u>	<u>TOTAL</u>
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

See footnotes in Appendix A.

\*See Table 12 for corresponding volumes at 15.025 psia.



## APPENDIX D-4

UNITED STATES NATURAL GAS AND CASINGHEAD PRODUCTION<sup>3</sup>  
 (Billion Cubic Feet (BCF), at 14.73 psia and 60 degrees Fahrenheit)\*

<u>DATE</u>	<u>GROSS</u>	<u>MARKETED</u>	<u>DRY</u>	<u>IMPORTS</u>
1970	23,786	21,921	21,014	821
1971	24,088	22,493	21,610	935
1972	24,016	22,532	21,624	1,019
1973	24,067	22,648	21,731	1,033
1974	22,850	21,601	20,713	959
1975	21,104	20,109	19,236	953
1976	20,944	19,952	19,098	964
1977	21,097	20,025	19,163	1,011
1978	21,309	19,974	19,122	966
1979	21,883	20,471	19,663	1,253
1980	21,870	20,180	19,403	985
1981	21,587	19,956	19,181	904
1982	20,272 <sup>R</sup>	18,582 <sup>R</sup>	17,820 <sup>R</sup>	933
1983	18,659 <sup>R</sup>	16,884 <sup>R</sup>	16,094 <sup>R</sup>	918 <sup>R</sup>
1984	20,267 <sup>R</sup>	18,304 <sup>R</sup>	17,466 <sup>R</sup>	843
1985	19,607 <sup>R</sup>	17,270 <sup>R</sup>	16,454 <sup>R</sup>	950 <sup>R</sup>
1986	19,131 <sup>R</sup>	16,859 <sup>R</sup>	16,059 <sup>R</sup>	750
1987	20,140 <sup>R</sup>	17,433 <sup>R</sup>	16,621 <sup>R</sup>	993 <sup>R</sup>
1988	20,999 <sup>R</sup>	17,918 <sup>R</sup>	17,103 <sup>R</sup>	1,294
1989	21,074 <sup>R</sup>	18,095 <sup>R</sup>	17,311 <sup>R</sup>	1,382
January	1,940 <sup>R</sup>	1,689 <sup>R</sup>	1,618 <sup>R</sup>	140 <sup>R</sup>
February	1,718 <sup>R</sup>	1,503 <sup>R</sup>	1,440 <sup>R</sup>	118
March	1,841 <sup>R</sup>	1,595 <sup>R</sup>	1,528 <sup>R</sup>	116 <sup>R</sup>
April	1,754 <sup>R</sup>	1,513 <sup>R</sup>	1,449 <sup>R</sup>	123 <sup>R</sup>
May	1,781 <sup>R</sup>	1,529 <sup>R</sup>	1,464 <sup>R</sup>	123 <sup>R</sup>
June	1,711 <sup>R</sup>	1,487 <sup>R</sup>	1,424 <sup>R</sup>	117 <sup>R</sup>
July	1,759 <sup>R</sup>	1,513 <sup>R</sup>	1,449 <sup>R</sup>	120 <sup>R</sup>
August	1,764 <sup>R</sup>	1,518 <sup>R</sup>	1,454 <sup>R</sup>	118
September	1,693 <sup>R</sup>	1,457 <sup>R</sup>	1,396 <sup>R</sup>	120
October	1,843 <sup>R</sup>	1,583 <sup>R</sup>	1,516 <sup>R</sup>	142 <sup>R</sup>
November	1,827 <sup>R</sup>	1,580 <sup>R</sup>	1,513 <sup>R</sup>	140 <sup>R</sup>
December	1,890 <sup>R</sup>	1,627 <sup>R</sup>	1,558 <sup>R</sup>	156 <sup>R</sup>
1990 TOTAL	21,521 <sup>R</sup>	18,594 <sup>R</sup>	17,809 <sup>R</sup>	1,533 <sup>R</sup>
January	1,928	1,663	1,590	156
February	1,740	1,502	1,436	131
March	1,845	1,595	1,525	149
April	1,765	1,525	1,458	145
May	1,782	1,543	1,475	137
June	1,718	1,487	1,421	129
July	1,735	1,501	1,439	132
August	1,731	1,497	1,435	129
September	1,714	1,485	1,424	131
October	1,840	1,594	1,528	158
November	1,847	1,604	1,538	164
December	1,919	1,666	1,598	183
1991 TOTAL	21,564	18,662	17,867	1,744

<sup>R</sup>Revised

See footnotes in Appendix A.

\*See Table 13 for corresponding volumes at 15.025 psia.

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