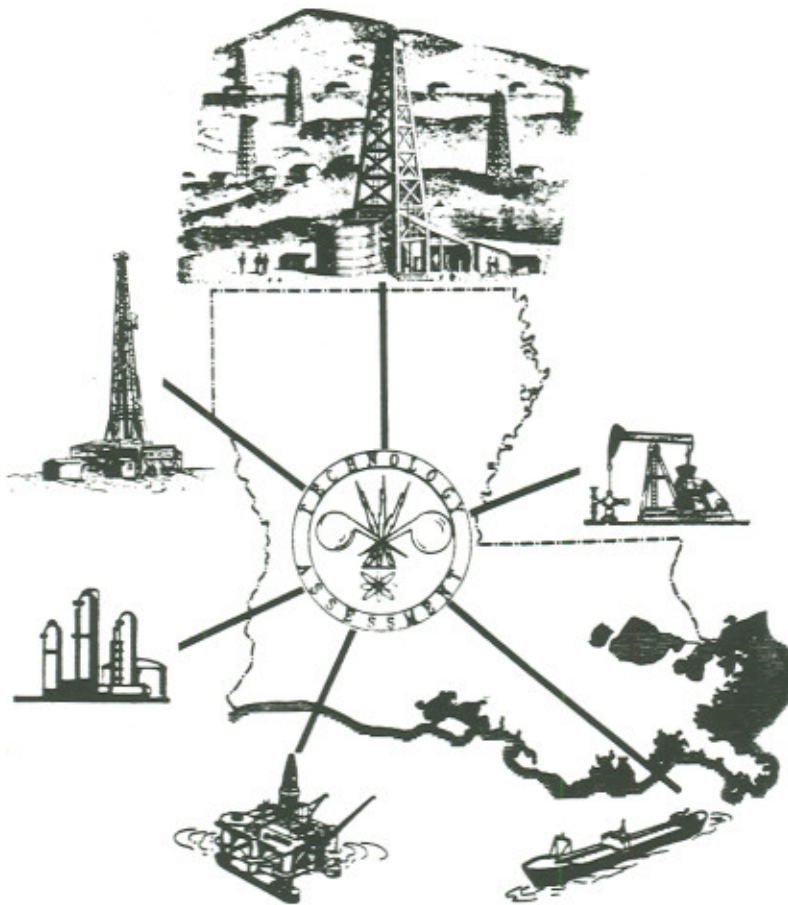


LOUISIANA ENERGY FACTS ANNUAL

1990

Department of Natural Resources
Martha A. Swan
Acting Secretary of Natural Resources



Technology Assessment Division
T. Michael French, Director
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Phyllis S. Ortego, Editor

October 22, 1991

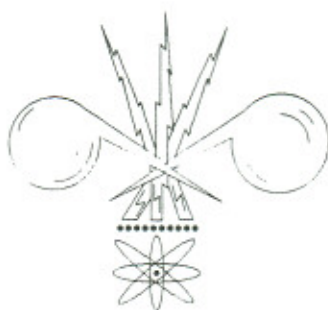
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INTRODUCTION

Many of the recipients of this publication are also users of our monthly publication, **Louisiana Energy Facts**. The **Energy Facts Annual-1990** contains all of the information and data of the monthly **Facts** issues of January through December of 1990. 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
(Barrels)

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	43,264,126 ^R	367,692,167 ^R	64,580,312	475,536,605 ^R
1971	42,265,933 ^R	367,611,730 ^R	63,011,646	472,889,309 ^R
1972	40,577,605 ^R	333,909,822 ^R	65,180,877	439,668,304 ^R
1973	36,226,986 ^R	293,292,928 ^R	49,794,736	379,314,650 ^R
1974	35,454,400	246,327,845 ^R	42,399,559	324,181,804 ^R
1975	34,072,947	211,500,323 ^R	37,017,114 ^R	282,590,384 ^R
1976	34,843,495	190,567,868 ^R	34,695,350 ^R	260,106,713 ^R
1977	33,548,990	169,446,753	30,477,122	233,472,865 ^R
1978	31,666,528	151,493,817	28,840,730	212,001,075 ^R
1979	28,831,653	130,427,990	25,990,275	185,249,918 ^R
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	26,282,310	97,602,333	24,187,900	148,072,543
1987	24,937,474	97,003,536	23,344,055	145,285,065
1988	23,780,379 ^R	88,636,249 ^R	22,897,810 ^R	135,314,438 ^R
January	1,897,313	7,252,160	1,801,316	10,950,789
February	1,613,891	6,407,696	1,671,257	9,692,844
March	1,890,911	6,877,105	1,771,741	10,539,757
April	1,845,429	6,675,761	1,759,346	10,280,536
May	1,863,488	6,901,026	1,897,326	10,661,840
June	1,755,809	6,778,324	1,796,274	10,330,407
July	1,830,026	7,128,872	1,866,998	10,825,896
August	1,876,468	6,639,872	1,773,039	10,289,379
September	1,821,740	6,419,866	1,709,100	9,950,706
October	2,051,768	6,286,297	1,672,043	10,010,108
November	1,868,196	6,413,943	1,711,805	9,993,944
December	1,763,602	5,630,226	1,483,046	8,876,874
1989 TOTAL	22,078,641	79,411,148	20,913,291	122,403,080
January	1,964,581	6,308,824	1,626,709	9,900,114
February	1,760,240	5,740,808	1,588,720	9,089,768
March	1,928,819	6,307,491	1,693,711	9,930,021
April	1,834,387	6,028,237	1,754,362	9,616,986
May	1,933,035	6,309,109	1,712,345	9,954,489
June	1,829,575	5,962,720	1,714,800	9,507,095
July	1,782,981	6,072,183	1,865,956	9,721,120
August	1,908,264	6,115,364	1,911,309	9,934,937
September	1,913,413	5,927,208	1,860,800	9,701,421
October	1,960,426	6,058,560	1,917,152	9,936,138
November	2,023,963	5,931,519	1,913,879	9,869,361
December	2,033,287	5,977,372	1,883,030	9,893,689
1990 TOTAL	22,872,971	72,739,395	21,442,773	117,055,139

^RRevised

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	36,763,102	3,524,770	44,024,584
1979	3,186,441	35,246,616	3,319,153	41,752,216
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	2,673,527	26,907,354	2,068,821	31,649,702
1987	2,578,517	25,104,312	2,009,186	29,692,015
1988	2,727,826 ^R	25,175,712 ^R	1,703,311 ^R	29,606,849 ^R
January	251,578	2,337,108	155,599	2,744,285
February	231,285	1,782,924	133,145	2,147,354
March	263,420	2,260,910	147,784	2,672,114
April	242,401	2,260,395	143,768	2,646,564
May	232,101	2,233,462	127,468	2,593,031
June	223,027	2,048,603	144,520	2,416,150
July	219,541	2,076,141	153,523	2,449,205
August	205,335	2,110,112	158,961	2,474,408
September	213,472	2,095,743	128,891	2,438,106
October	217,183	2,128,470	150,329	2,495,982
November	248,659	2,184,437	167,502	2,600,598
December	303,493	2,141,449	144,714	2,589,656
1989 TOTAL	2,851,495	25,659,754	1,756,204	30,267,453
January	303,128	2,264,917	145,622	2,713,667
February	257,316	2,078,800	142,611	2,478,727
March	284,208	2,200,902	161,800	2,646,910
April	197,456	2,090,701	152,632	2,440,789
May	276,586	2,174,713	156,869	2,608,168
June	269,284	2,062,823	158,130	2,490,237
July	276,468	2,096,340	156,562	2,529,370
August	261,586	2,159,328	146,828	2,567,742
September	247,742	2,094,606	142,406	2,484,754
October	289,289	2,244,185	136,536	2,670,010
November	303,200	2,262,557	148,748	2,714,505
December	324,843	2,350,290	147,269	2,822,402
1990 TOTAL	3,291,106	26,080,162	1,796,013	31,167,281

^RRevised

TABLE 3

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

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1970	47,350,896 ^R	446,408,428 ^R	72,656,449	566,415,776 ^R
1971	45,985,948 ^R	439,387,221 ^R	70,105,977	555,479,145 ^R
1972	44,200,502 ^R	401,520,508 ^R	71,201,068	516,922,080 ^R
1973	39,705,212 ^R	356,819,181 ^R	54,972,889	451,497,285 ^R
1974	38,697,920	300,306,178 ^R	46,701,696	385,705,797 ^R
1975	37,272,676	257,422,976 ^R	40,984,897 ^R	335,680,553 ^R
1976	38,395,533	232,063,252 ^R	38,358,180	308,816,967 ^R
1977	37,227,111 ^R	209,144,843	33,804,680	280,176,640 ^R
1978	35,403,242	188,256,919	32,365,500	256,025,661 ^R
1979	32,018,094	165,674,606	29,309,428 ^R	227,002,134 ^R
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	28,955,837	124,509,687	26,256,721	179,722,245
1987	27,515,991	122,107,848	25,353,241	174,977,080
1988	26,508,205 ^R	113,811,961 ^R	24,601,121 ^R	164,921,287 ^R
January	2,148,891	9,589,268	1,956,915	13,695,074
February	1,845,176	8,190,620	1,804,402	11,840,198
March	2,154,331	9,138,015	1,919,525	13,211,871
April	2,087,830	8,936,156	1,903,114	12,927,100
May	2,095,589	9,134,488	2,024,794	13,254,871
June	1,978,836	8,826,927	1,940,794	12,746,557
July	2,049,567	9,205,013	2,020,521	13,275,101
August	2,081,803	8,749,984	1,932,000	12,763,787
September	2,035,212	8,515,609	1,837,991	12,388,812
October	2,268,951	8,414,767	1,822,372	12,506,090
November	2,116,855	8,598,380	1,879,307	12,594,542
December	2,067,095	7,771,675	1,627,760	11,466,530
1989 TOTAL	24,930,136	105,070,902	22,669,495	152,670,533
January	2,267,709	8,573,741	1,772,331	12,613,781
February	2,017,556	7,819,608	1,731,331	11,568,495
March	2,213,027	8,508,393	1,855,511	12,576,931
April	2,031,843	8,118,938	1,906,994	12,057,775
May	2,209,621	8,483,822	1,869,214	12,562,657
June	2,098,859	8,025,543	1,872,930	11,997,332
July	2,059,449	8,168,523	2,022,518	12,250,490
August	2,169,850	8,274,692	2,058,137	12,502,679
September	2,161,155	8,021,814	2,003,206	12,186,175
October	2,249,715	8,302,745	2,053,688	12,606,148
November	2,327,163	8,194,076	2,062,627	12,583,866
December	2,358,130	8,327,662	2,030,299	12,716,091
1990 TOTAL	26,164,077	98,819,557	23,238,786	148,222,420

^RRevised

TABLE 4

LOUISIANA TOTAL OIL PRODUCTION
CRUDE OIL AND CONDENSATE
(Barrels)

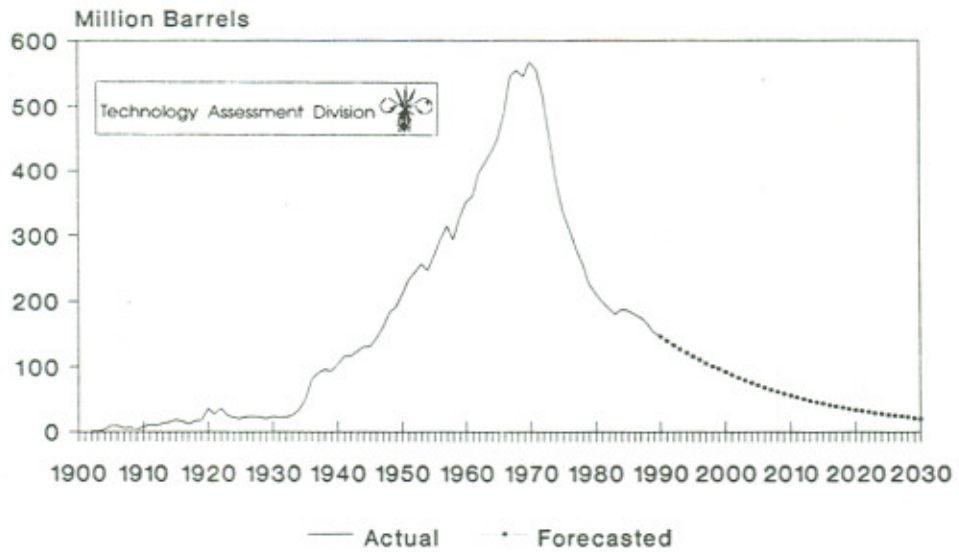
DATE	ONSHORE	-----OFFSHORE-----		TOTAL
		STATE	FEDERAL OCS ¹¹	
1970	493,759,324 ^R	72,656,449	333,411,492	899,827,265 ^R
1971	485,373,169 ^R	70,105,977	385,760,351	941,239,497 ^R
1972	445,721,011 ^R	71,201,068	387,590,662	904,512,740 ^R
1973	396,524,393 ^R	54,972,889	374,196,856	825,694,138 ^R
1974	339,004,098 ^R	46,701,696	342,435,496	728,141,290 ^R
1975	294,695,652 ^R	40,984,897 ^R	313,592,559	649,273,108 ^R
1976	270,458,786 ^R	38,358,180	301,887,002	610,703,968 ^R
1977	246,371,954 ^R	33,804,680	290,771,605	570,948,239 ^R
1978	223,660,161	32,365,500	278,071,535	534,097,196
1979	197,692,700 ^R	29,309,428 ^R	271,008,916	498,011,044 ^R
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	153,465,524	26,256,721	340,152,276	519,874,521
1987	149,623,839	25,353,241	307,950,881	482,927,961
1988	140,320,166 ^R	24,601,121 ^R	261,936,530	426,857,817 ^R
January	11,738,159	1,956,915	21,709,473	35,404,547
February	10,035,796	1,804,402	20,871,986	32,712,184
March	11,292,346	1,919,525	20,981,806	34,193,677
April	11,023,986	1,903,114	22,035,360	34,962,460
May	11,230,077	2,024,794	22,292,499	35,547,370
June	10,805,763	1,940,794	19,700,576	32,447,133
July	11,254,580	2,020,521	21,420,192	34,695,293
August	10,831,787	1,932,000	20,036,285	32,800,072
September	10,550,821	1,837,991	19,885,395	32,274,207
October	10,683,718	1,822,372	19,247,012	31,753,102
November	10,715,235	1,879,307	18,872,018	31,466,560
December	9,838,770	1,627,760	19,155,050	30,621,580
1989 TOTAL	130,001,038	22,669,495	246,207,653	398,878,186
January	10,841,450	1,772,331	20,276,460	32,890,241
February	9,837,164	1,731,331	17,668,466	29,236,961
March	10,721,420	1,855,511	18,801,484	31,378,415
April	10,150,781	1,906,994	18,667,557	30,725,332
May	10,693,443	1,869,214	18,586,309	31,148,966
June	10,124,402	1,872,930	18,226,493	30,223,825
July	10,227,972	2,022,518	18,990,766	31,241,256
August	10,444,542	2,058,137	19,582,721	32,085,400
September	10,182,969	2,003,206	18,039,889	30,226,064
October	10,552,460	2,053,688	20,022,893	32,629,041
November	10,521,239	2,062,627	19,287,190	31,871,056
December	10,685,792	2,030,299	19,841,646	32,557,737
1990 TOTAL	124,983,634	23,238,786	227,991,874	376,214,294

^RRevised

Note: The 1990 OCS production values are estimated from DOE's production figures.

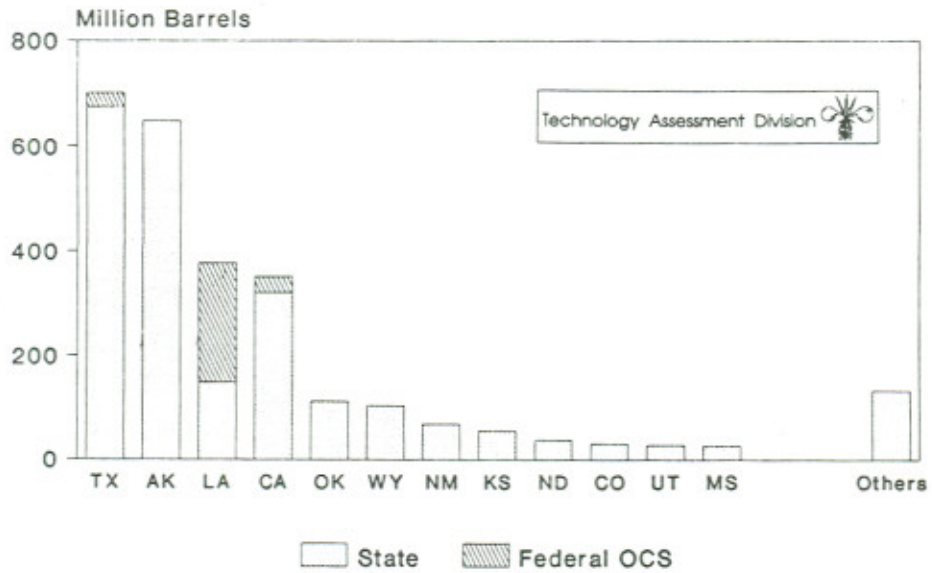
See footnotes in Appendix A.

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



Lease condensate included
 Federal OCS excluded

FIGURE 2
 1990 UNITED STATES OIL PRODUCTION
 BY STATE



SOURCE: U.S. Department of Energy

TABLE 5

LOUISIANA CRUDE OIL AND CONDENSATE SEVERANCE TAX VOLUMES⁷
(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
January	12,845,690	281,368	707,716	13,836,108
February	16,185,775	393,576	846,083	17,428,349
March	11,853,593	264,936	612,656	12,735,714
April	10,680,793	390,527	484,976	11,557,955
May	11,433,889	131,610	756,343	12,321,843
June	10,200,511	148,902	621,582	10,984,792
July	12,640,062	188,940	536,981	13,365,983
August	11,465,210	265,344	501,298	12,234,069
September	10,520,921	275,433	712,946	11,509,301
October	9,396,540	339,580	543,074	10,279,194
November	9,105,509	268,836	523,982	9,898,707
December	13,113,759	316,375	581,874	14,013,539
1989 TOTAL	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

See footnotes in Appendix A.

TABLE 6

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

DATE	ALL FEDERAL ¹¹	TOTAL ⁶	IMPORTS ⁶
	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 ^R	1,604,704 ^R
1982	321,211	3,156,715 ^R	1,273,212 ^R
1983	348,331	3,170,999 ^R	1,215,224 ^R
1984	370,239	3,249,696 ^R	1,253,949 ^R
1985	389,324	3,274,553 ^R	1,168,299 ^R
1986	389,216	3,167,252 ^R	1,524,978 ^R
1987	366,142	3,047,377 ^R	1,705,922 ^R
1988	320,667	2,979,126 ^R	1,868,805 ^R
January	26,618 ^R	246,056 ^R	175,497 ^R
February	25,512 ^R	218,076 ^R	148,539 ^R
March	25,859 ^R	234,822 ^R	156,100 ^R
April	26,932 ^R	233,147 ^R	172,496 ^R
May	27,407 ^R	242,303 ^R	177,604 ^R
June	24,583 ^R	228,731 ^R	179,269 ^R
July	26,648 ^R	230,766 ^R	192,628 ^R
August	25,042 ^R	233,878 ^R	203,517 ^R
September	24,854 ^R	226,436 ^R	180,834 ^R
October	24,054 ^R	231,036 ^R	191,783 ^R
November	23,551 ^R	226,082 ^R	185,133 ^R
December	24,108 ^R	227,439 ^R	169,361 ^R
1989 TOTAL	305,168 ^R	2,778,772 ^R	2,132,761 ^R
January	25,524	233,175	192,373
February	22,030	209,025	164,036
March	23,736	229,229	189,874
April	23,470	219,924	172,199
May	23,498	225,040	199,586
June	22,630	212,274	192,403
July	23,814	221,458	211,173
August	24,401	223,678	199,379
September	22,690	215,007	169,678
October	24,945	231,075	159,080
November	24,026	219,237	151,856
December	24,622	225,744	142,930
1990 TOTAL	285,386	2,664,866	2,144,567

^RRevised

See footnotes in Appendix A.

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	281,294,062	2,060,987,400	460,027,651	2,802,309,118
1979	318,107,055	1,950,222,201	452,020,045	2,720,349,340
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	310,172,187	1,117,276,515	214,603,884	1,642,052,586
1987	303,468,521	1,056,871,942	200,919,741	1,561,260,204
1988	323,156,935 ^R	1,068,745,008 ^R	192,877,826 ^R	1,584,779,769 ^R
January	29,177,044	92,265,423	14,400,347	135,842,814
February	26,403,474	82,700,100	13,116,377	122,219,951
March	29,343,077	92,576,557	14,880,187	136,799,821
April	27,961,121	88,076,352	14,399,696	130,437,169
May	28,346,592	89,561,902	15,027,551	132,936,045
June	28,033,849	84,364,719	14,890,263	127,288,831
July	28,346,955	86,611,684	15,674,189	130,632,828
August	27,698,995	86,155,163	16,838,299	130,692,457
September	26,044,186	82,461,676	15,945,099	124,450,961
October	25,573,940	86,465,546	16,253,563	128,293,049
November	28,742,384	85,430,396	16,656,891	130,829,671
December	28,328,438	81,118,527	14,984,025	124,430,990
1989 TOTAL	334,000,055	1,037,788,045	183,066,487	1,554,854,587
January	30,805,593	89,572,547	16,619,469	136,997,609
February	26,667,050	82,014,585	14,852,029	123,533,664
March	31,158,831	86,668,504	16,241,701	134,069,036
April	28,392,576	81,691,272	14,521,207	124,605,055
May	29,581,464	83,433,912	15,074,299	128,089,675
June	29,792,350	81,095,577	13,958,873	124,846,800
July	29,627,076	86,237,704	13,941,132	129,805,912
August	30,799,611	83,568,234	12,963,187	127,331,032
September	28,974,340	83,178,403	12,673,779	124,826,522
October	30,822,305	88,837,868	12,874,732	132,534,905
November	30,613,702	88,647,064	12,733,686	131,994,452
December	31,904,649	91,773,921	12,603,458	136,282,028
1990 TOTAL	359,139,547	1,026,719,591	169,057,552	1,554,916,690

^RRevised

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	51,844,750	218,284,389	29,701,044	299,830,185
1979	40,778,004	183,139,583	25,920,034	249,837,622
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	52,868,060	107,270,295	31,532,598	191,670,953
1987	52,923,301	112,459,791	29,292,611	194,675,703
1988	50,899,401 ^R	111,660,837 ^R	24,538,602 ^R	187,098,840 ^R
January	4,085,568	8,556,916	1,826,736	14,469,220
February	3,574,230	7,701,510	1,826,736	13,102,476
March	3,895,690	8,147,778	1,705,025	13,748,493
April	3,725,823	8,644,134	2,013,731	14,383,688
May	3,733,972	8,395,830	2,258,885	14,388,687
June	3,441,270	7,895,088	2,117,669	13,454,027
July	3,493,499	8,046,548	2,166,768	13,706,815
August	3,550,710	8,170,244	1,975,060	13,696,014
September	3,229,231	8,184,505	1,959,307	13,373,043
October	3,210,517	7,910,844	2,012,486	13,133,847
November	3,413,404	7,841,126	1,874,868	13,129,398
December	3,262,470	7,192,228	1,700,372	12,155,070
1989 TOTAL	42,616,384	96,686,751	23,437,643	162,740,778
January	3,220,146	7,800,170	1,769,446	12,789,762
February	3,106,735	7,388,090	1,639,736	12,134,561
March	3,485,677	8,744,570	1,637,261	13,867,508
April	3,304,683	7,960,597	1,532,901	12,798,181
May	3,441,062	8,050,446	1,582,867	13,074,375
June	3,293,756	7,904,585	1,626,636	12,824,977
July	3,217,674	7,974,598	1,747,522	12,939,794
August	3,490,858	7,833,626	1,740,345	13,064,829
September	3,324,078	7,639,009	1,923,815	12,886,902
October	3,385,205	7,818,218	1,919,688	13,123,111
November	3,092,489	8,342,160	1,955,599	13,390,248
December	3,353,269	8,040,221	1,973,340	13,366,830
1990 TOTAL	39,715,632	95,496,290	21,049,156	156,261,078

^RRevised

TABLE 9

LOUISIANA STATE GAS PRODUCTION, WET AFTER LEASE SEPARATION
 Natural Gas and Casinghead Gas
 Excluding Federal OCS

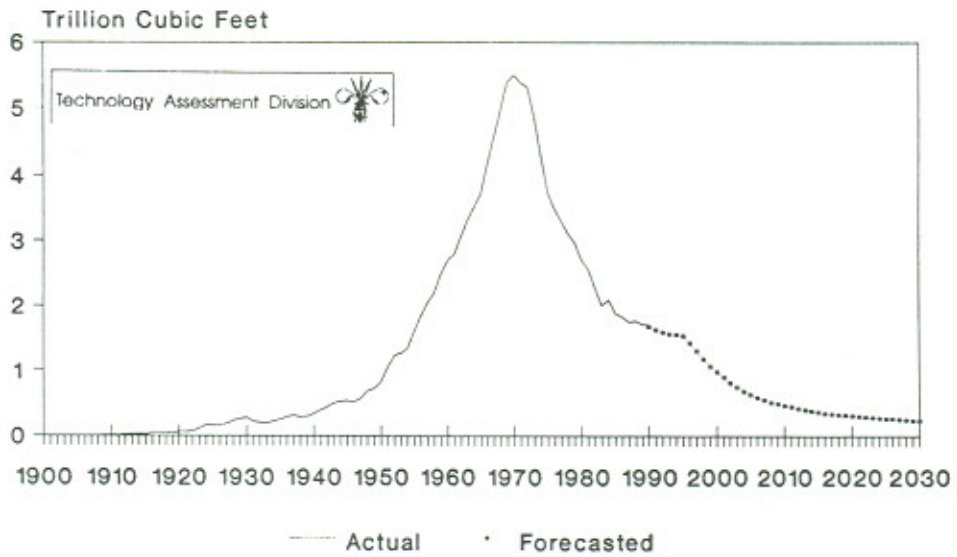
(Thousand Cubic Feet (MCF), at 15.025 psia and 60 degrees Fahrenheit)*

<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	333,138,812	2,279,271,789	489,728,695	3,102,139,303
1979	358,885,059	2,133,361,784	477,940,079	2,970,186,962
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	363,040,247	1,224,546,810	246,136,482	1,833,723,539
1987	356,391,822	1,169,331,733	230,212,352	1,755,935,907
1988	374,056,336 ^R	1,180,405,845 ^R	217,416,428 ^R	1,771,878,609 ^R
January	33,262,612	100,822,339	16,227,083	150,312,034
February	29,977,704	90,401,610	14,943,113	135,322,427
March	33,238,767	100,724,335	16,585,212	150,548,314
April	31,686,944	96,720,486	16,413,427	144,820,857
May	32,080,564	97,957,732	17,286,436	147,324,732
June	31,475,119	92,259,807	17,007,932	140,742,858
July	31,840,454	94,658,232	17,840,957	144,339,643
August	31,249,705	94,325,407	18,813,359	144,388,471
September	29,273,417	90,646,181	17,904,406	137,824,004
October	28,784,457	94,376,390	18,266,049	141,426,896
November	32,155,788	93,271,522	18,531,759	143,959,069
December	31,590,908	88,310,755	16,684,397	136,586,060
1989 TOTAL	376,616,439	1,134,474,796	206,504,130	1,717,595,365
January	34,025,739	97,372,717	18,388,915	149,787,371
February	29,773,785	89,402,675	16,491,765	135,668,225
March	34,644,508	95,413,074	17,878,962	147,936,544
April	31,697,259	89,651,869	16,054,108	137,403,236
May	33,022,526	91,484,358	16,657,166	141,164,050
June	33,086,106	89,000,162	15,585,509	137,671,777
July	32,844,750	94,212,302	15,688,654	142,745,706
August	34,290,469	91,401,860	14,703,532	140,395,861
September	32,298,418	90,817,412	14,597,594	137,713,424
October	34,207,510	96,656,086	14,794,420	145,658,016
November	33,706,191	96,989,224	14,689,285	145,384,700
December	35,257,918	99,814,142	14,576,798	149,648,858
1990 TOTAL	398,855,179	1,122,215,881	190,106,708	1,711,177,768

^RRevised

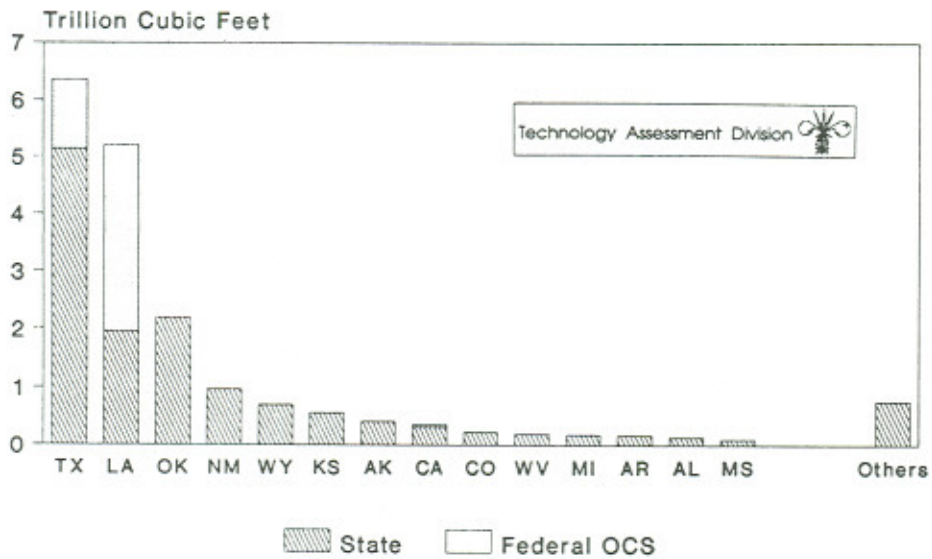
*See Appendix D-1 for corresponding table at 14.73 psia.

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



Casinghead gas included
 Federal OCS excluded

FIGURE 4
1990 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	ONSHORE	-----OFFSHORE-----		TOTAL
		STATE	FEDERAL OCS ¹¹	
1970	4,880,890,244	615,967,540	2,228,516,200 ^R	7,725,373,984 ^R
1971	4,770,538,703	619,569,595	2,582,297,949 ^R	7,972,406,247 ^R
1972	4,706,911,019	610,569,993	2,824,792,181 ^R	8,142,273,193 ^R
1973	4,313,848,076	556,793,276	2,995,634,204 ^R	7,866,275,556 ^R
1974	3,770,847,399	516,931,900	3,283,413,433 ^R	7,571,192,732 ^R
1975	3,246,600,688	509,483,387	3,266,745,438 ^R	7,022,829,514 ^R
1976	2,979,623,262	512,934,932	3,431,149,731 ^R	7,923,707,924 ^R
1977	2,815,852,752	486,096,208	3,575,898,597 ^R	6,877,847,557 ^R
1978	2,612,410,601	489,728,695	4,068,255,550 ^R	7,170,394,845 ^R
1979	2,492,246,843	477,940,079	4,076,873,530 ^R	7,047,060,452 ^R
1980	2,301,444,051	408,784,123	3,934,902,529 ^R	6,645,130,703 ^R
1981	2,184,178,953	374,836,303	4,025,867,908 ^R	6,584,883,164 ^R
1982	1,914,048,856	359,584,749	3,729,057,633 ^R	6,002,691,238 ^R
1983	1,686,547,772	321,430,150	3,111,576,331 ^R	5,119,554,253 ^R
1984	1,777,589,302	318,007,698	3,508,475,780 ^R	5,604,072,780 ^R
1985	1,626,722,303	254,083,634	3,055,687,756 ^R	4,936,493,693 ^R
1986	1,587,587,057	246,136,482	2,870,347,371 ^R	4,704,070,910 ^R
1987	1,525,723,555	230,212,352	3,117,669,150 ^R	4,873,605,057 ^R
1988	1,554,462,181 ^R	217,416,428 ^R	3,036,058,022 ^R	4,807,936,631 ^R
January	134,084,951	16,227,083	268,451,599	418,763,633
February	120,379,314	14,943,113	241,632,384	376,954,811
March	133,963,102	16,585,212	262,616,439	413,164,753
April	128,407,430	16,413,427	248,681,824	393,502,681
May	130,038,296	17,286,436	252,194,645	399,519,377
June	123,734,926	17,007,932	238,980,936	379,723,794
July	126,498,686	17,840,957	238,265,834	382,605,477
August	125,575,112	18,813,359	239,308,884	383,697,355
September	119,919,598	17,904,406	224,702,701	362,526,705
October	123,160,847	18,266,049	233,020,401	374,447,297
November	125,427,310	18,531,759	249,994,778	393,953,847
December	119,901,663	16,684,397	249,694,691	386,280,751
1989 TOTAL	1,511,091,235	206,504,130	2,947,545,117	4,665,140,482
January	131,398,456	18,388,915	287,469,490	437,256,861
February	119,176,460	16,491,765	237,942,182	373,610,407
March	130,057,582	17,878,962	265,801,875	413,738,419
April	121,349,128	16,054,108	241,825,709	379,228,945
May	124,506,884	16,657,166	250,262,493	391,426,543
June	122,086,268	15,585,509	269,672,437	407,344,214
July	127,057,052	15,688,654	214,466,841	357,212,547
August	125,692,329	14,703,532	246,072,329	386,468,190
September	123,115,830	14,597,594	224,939,705	362,653,129
October	130,863,596	14,794,420	263,402,617	409,060,633
November	130,695,415	14,689,285	275,166,956	420,551,656
December	135,072,060	14,576,798	288,500,333	438,149,191
1990 TOTAL	1,521,071,060	190,106,708	3,065,522,967	4,776,700,735

^RRevised

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

See footnotes in Appendix A.

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

TABLE 12

FEDERAL OCS GAS PRODUCTION
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	19,490,711	N/A	N/A	19,490,711
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	125,185,734	N/A	N/A	125,185,734
1959	203,089,001	N/A	N/A	203,089,001
1960	267,673,708	N/A	N/A	267,673,708
1961	312,031,002	N/A	N/A	312,031,002
1962	443,079,046	N/A	N/A	443,079,046
1963	553,272,139	N/A	N/A	553,272,139
1964	609,524,398	N/A	N/A	609,524,398
1965	632,914,002	N/A	N/A	632,914,002
1966	946,433,479	41,233,594	N/A	987,667,073
1967	1,065,915,548	97,990,476	N/A	1,163,906,023
1968	1,385,715,663	107,752,805	783,984	1,494,252,452
1969	1,786,760,413	124,601,567	4,750,708	1,916,112,688
1970	2,228,516,200	130,683,191	11,989,041	2,371,188,432
1971	2,582,297,949	124,857,370	15,363,786	2,722,519,105
1972	2,824,792,181	144,267,197	9,836,582	2,978,895,960
1973	2,995,634,204	145,754,587	7,143,485	3,148,532,277
1974	3,283,413,433	156,838,374	5,464,209	3,445,716,017
1975	3,266,745,438	120,166,177	3,874,047	3,390,785,662
1976	3,431,149,731	90,764,667	3,406,969	3,525,321,367
1977	3,575,898,597	85,236,245	3,225,368	3,664,360,210
1978	4,068,255,550	227,305,174	3,404,117	4,298,964,841
1979	4,076,873,530	501,546,066	2,810,535	4,581,230,131
1980	3,934,902,529	612,378,330	3,046,020	4,550,326,879
1981	4,025,867,908	715,937,637	12,515,654	4,754,321,198
1982	3,729,057,633	841,173,976	17,402,403	4,587,634,012
1983	3,111,576,331	834,112,314	15,709,672	3,961,398,317
1984	3,508,475,780	913,008,616	27,260,940	4,448,745,337
1985	3,055,687,756	818,533,623	48,198,926	3,922,420,305
1986	2,870,347,371	959,161,280	41,850,867	3,871,359,518
1987	3,117,669,150	1,180,839,481	40,181,438	4,338,690,069
1988	3,036,077,629	1,155,285,479	33,891,880	4,225,254,988
1989	2,947,545,117	1,142,237,191	28,013,874	4,117,796,182

See footnotes in Appendix A.

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

TABLE 11

LOUISIANA GAS SEVERANCE TAX VOLUMES⁷

(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
January	142,767,091	5,561,225	5,537,739	153,866,055
February	163,871,943	3,686,446	2,845,215	170,403,604
March	137,767,552	6,731,882	2,786,117	147,285,551
April	107,258,245	3,023,864	2,714,042	112,996,151
May	126,624,598	4,183,175	1,826,273	132,634,046
June	139,151,129	4,938,303	3,163,612	147,253,044
July	130,537,938	4,311,546	2,398,429	137,247,913
August	120,391,036	3,928,422	2,386,721	126,706,179
September	125,433,786	6,004,575	2,526,326	133,964,687
October	106,869,847	3,840,526	1,311,506	112,021,879
November	103,437,534	3,644,565	1,954,932	109,037,031
December	124,947,230	4,565,113	2,349,474	131,861,817
1989 TOTAL	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

See footnotes in Appendix A.

TABLE 13

UNITED STATES NATURAL GAS AND CASINGHEAD PRODUCTION
(Billion Cubic Feet (BCF), at 15.025 psia and 60 degrees Fahrenheit)*

DATE	GROSS	MARKETED	DRY	IMPORTS
1970	23,319	21,490	20,602	805
1971	23,615	22,051	21,186	818
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	19,813	18,156	17,409	915
1983	18,232	16,492	15,718	902
1984	19,795	17,872	17,050	827
1985	19,151	16,860	16,060	931
1986	18,689	16,461	15,677	735
1987	19,662	17,008	16,212	973
1988	20,511	17,491	16,692	1,269
January	1,829	1,570	1,502	117
February	1,678	1,450	1,387	108
March	1,773	1,537	1,471	111
April	1,703	1,464	1,400	108
May	1,735	1,483	1,419	106
June	1,650	1,423	1,361	102
July	1,686	1,450	1,387	99
August	1,681	1,439	1,376	106
September	1,612	1,370	1,311	115
October	1,685	1,438	1,375	121
November	1,749	1,497	1,432	121
December	1,814	1,555	1,484	142
1989 TOTAL	20,597	17,675	16,906	1,355
January	1,898	1,651	1,573	146
February	1,680	1,469	1,400	116
March	1,800	1,557	1,485	113
April	1,705	1,470	1,401	120
May	1,739	1,495	1,425	106
June	1,672	1,446	1,378	112
July	1,695	1,466	1,397	117
August	1,709	1,476	1,408	116
September	1,637	1,413	1,347	118
October	1,748	1,514	1,446	136
November	1,779	1,538	1,467	132
December	1,864	1,611	1,535	152
1990 TOTAL	20,926	18,106	17,263	1,482

See footnotes in Appendix A.

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

FIGURE 5
LOUISIANA OIL PRODUCTION AND PRICE

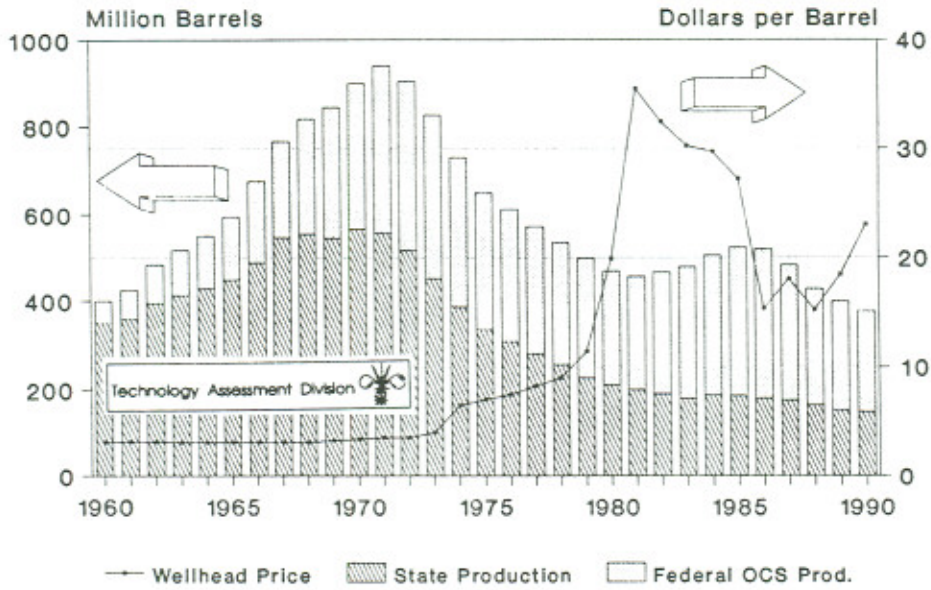


FIGURE 6
LOUISIANA GAS PRODUCTION AND PRICE

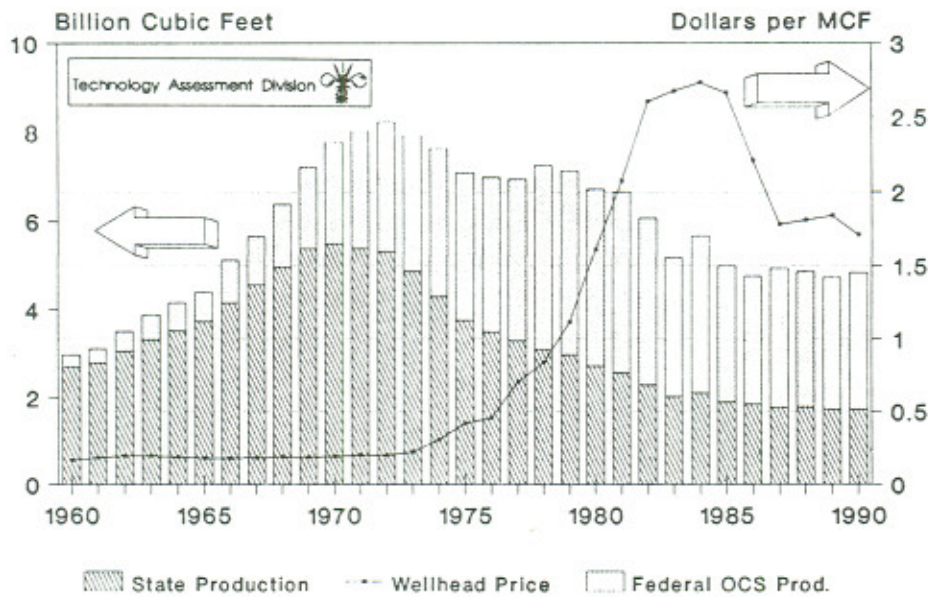


TABLE 14

LOUISIANA AVERAGE CRUDE OIL PRICES
(Dollars per Barrel)

DATE	SOUTH LOUISIANA SWEET		-----ALL GRADES AT WELLHEAD-----			
	SPOT ⁹ MARKET	REFINERY POSTED	STATE ⁵	FEDERAL ⁵ OCS GULF	SEVERANCE ⁷ 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	36.13	35.45	34.28	33.07	34.94
1982	N/A	32.89	32.44	32.35	33.55	32.33
1983	30.63 ^R	30.63	30.20	30.05	30.38	29.02
1984	29.64 ^R	30.05	29.67	30.00	29.98	29.47
1985	28.42 ^R	27.87	27.22	27.33 ^R	27.18	27.40
1986	14.72 ^R	15.85	15.29	15.26 ^R	17.23	15.71 ^R
1987	19.38 ^R	18.52	17.97	17.58 ^R	17.55	17.87 ^R
1988	16.13 ^R	15.65	15.18 ^R	14.69 ^R	16.38 ^R	14.85 ^R
January	17.55	17.41	16.63	16.04	13.89	16.69
February	18.15	17.29	16.74	16.55	15.67	16.59
March	20.90	19.28	18.17	17.65	16.76	17.90
April	20.85	20.21	19.52	18.89	18.15	19.47
May	19.62	19.22	19.15	18.79	19.59	19.23
June	19.60	19.49	18.91	18.46	19.34	18.92
July	17.86	18.87	18.81	18.25	19.09	14.28
August	18.60	17.68	17.27	16.75	19.08	17.19
September	20.15	18.92	18.15	17.46	18.05	18.11
October	20.53	19.42	18.90	18.21	17.25	18.83
November	20.75	18.95	18.86	18.26	18.76	18.82
December	22.42	20.28	19.67	18.67	18.83	19.57
1989 AVERAGE	19.75	18.92	18.40	17.83	17.87	17.97
January	22.45	21.72	21.24	20.71	19.62	21.20
February	20.85	21.16	21.00	20.39	21.40	20.96
March	19.97	19.62	19.48	18.89	20.80	19.29
April	18.13	17.19	17.30	16.83	19.42	17.31
May	16.95	17.63	16.88	16.37	17.75	16.85
June	16.99	15.87	15.45	15.03	17.27	14.89
July	20.92	18.23	16.85	16.08	16.09	16.61
August	28.36	25.37	25.11	24.01	16.79	24.88
September	40.80	34.48	31.46	30.37	23.96	30.52
October	36.25	35.98	34.88	34.26	30.54	34.58
November	30.13	30.19	30.87	30.04	34.27	30.91
December	29.52	26.25	25.88	25.54	32.53	25.36
1990 AVERAGE	25.11	23.64	23.03	22.38	22.54	22.78

^RRevised

See footnotes in Appendix A.

TABLE 15

 UNITED STATES AVERAGE CRUDE OIL PRICES²
 (Dollars/Barrel)

DATE	REFINERY ACQUISITION COSTS			----IMPORTS----		
	DOMESTIC	IMPORTS	COMBINED	WELLHEAD	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 ^R	21.65
1980	24.23	33.89	28.07	21.59	32.37 ^R	33.95
1981	34.33	37.05	35.24	31.77	35.15 ^R	36.52
1982	31.32	33.55	31.87	28.52	32.02 ^R	33.18
1983	28.87	29.30	28.99	26.19	27.81 ^R	28.93
1984	28.53	28.88	28.63	25.88	27.60 ^R	28.46
1985	26.66	27.00 ^R	26.75	24.09	25.84 ^R	26.66
1986	14.81 ^R	14.31 ^R	14.67 ^R	12.60 ^R	12.75 ^R	13.79 ^R
1987	17.77 ^R	18.05 ^R	17.87 ^R	15.41 ^R	16.71 ^R	17.57 ^R
1988	14.70	14.62	14.68	12.57	13.23	14.12
January	25.50	16.04	15.30	13.80	14.67	15.68
February	16.11	16.61	16.32	14.24	15.49	16.41
March	17.34	17.71	17.52	15.65	16.73	17.47
April	18.91	19.59	19.22	17.04	18.23	18.97
May	19.01	19.05	19.03	16.76	17.51	18.33
June	18.56	18.27	18.43	16.42	16.80	17.61
July	18.32	17.99	18.18	16.32	16.47	17.39
August	17.23	17.23	17.23	15.01	16.12	16.83
September	17.70	17.62	17.66	15.58	16.49	17.28
October	18.20	18.29	18.24	16.25	17.10	17.93
November	18.45	18.32	18.39	16.30	17.34	18.16
December	19.16	20.05	19.54	17.01	18.80	19.54
1989 AVERAGE	17.87	18.08	17.97	15.86	16.89	17.68
January	20.75	20.51	20.64	18.50	18.84	19.62
February	20.75	19.84	20.35	18.18	18.01	18.97
March	19.32	18.94	19.14	16.58	16.91	17.96
April	17.37	16.71	17.06	14.52	14.94	15.98
May	16.46	16.03	16.26	13.82	14.57	15.36
June	15.07	14.89	14.98	12.79	13.81	14.93
July	15.87	16.45	16.15	14.02	16.52	17.65
August	23.00	24.26	23.57	21.85	23.83	24.64
September	30.16	29.82	30.01	28.44	28.98	29.38
October	33.32	32.98	33.18	30.87	30.75	31.47
November	30.75	30.40	30.61	27.53	27.84	28.57
December	26.46	25.84	26.21	22.63	23.24	24.12
1990 AVERAGE	22.60	21.78	22.23	20.03	20.39	21.16

^RRevised

F.O.B. = Free on Board

See footnotes in Appendix A.

TABLE 16

LOUISIANA AVERAGE NATURAL GAS PRICES
(Dollars/MCF)

DATE	-----AVERAGE WELLHEAD PRICES FROM-----				AVERAGE PRICE ³ DELIVERED TO CITY GATES
	FEDERAL ³ OCS WELLS	DOE FILES ³ ALL WELLS	ROYALTY FILES STATE WELLS	SPOT MARKET ⁴ ALL WELLS	
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	2.42	3.55
1986	2.26	2.21	1.99	1.63	2.95
1987	1.82	1.78	1.66	1.43	2.38
1988	1.84	1.81	1.79	1.66	2.93
January			2.06	2.08	3.19
February			1.76	1.69	2.89
March			1.43	1.39	2.82
April			1.60	1.46	2.83
May			1.89	1.58	3.04
June			2.00	1.61	2.95
July			1.19	1.57	3.03
August			1.71	1.53	3.08
September			1.49	1.44	3.12
October			2.05	1.49	2.87
November			1.84	1.69	2.97
December			2.12	2.03	3.01
1989 AVERAGE	1.86	1.84	1.76	1.63	2.98
January			2.33	2.34	3.29
February			2.04	1.94	3.20
March			1.68	1.46	2.85
April			1.63	1.44	2.82
May			1.59	1.41	2.84
June			1.56	1.41	2.64
July			1.54	1.35	2.73
August			1.47	1.30	2.58
September			1.53	1.32	2.64
October			1.65	1.52	2.79
November			2.01	1.96	3.17
December			2.11	2.17	3.24
1990 AVERAGE	N/A	N/A	1.77	1.63	2.90

See footnotes in Appendix A.

FIGURE 7
CRUDE OIL AVERAGE PRICES

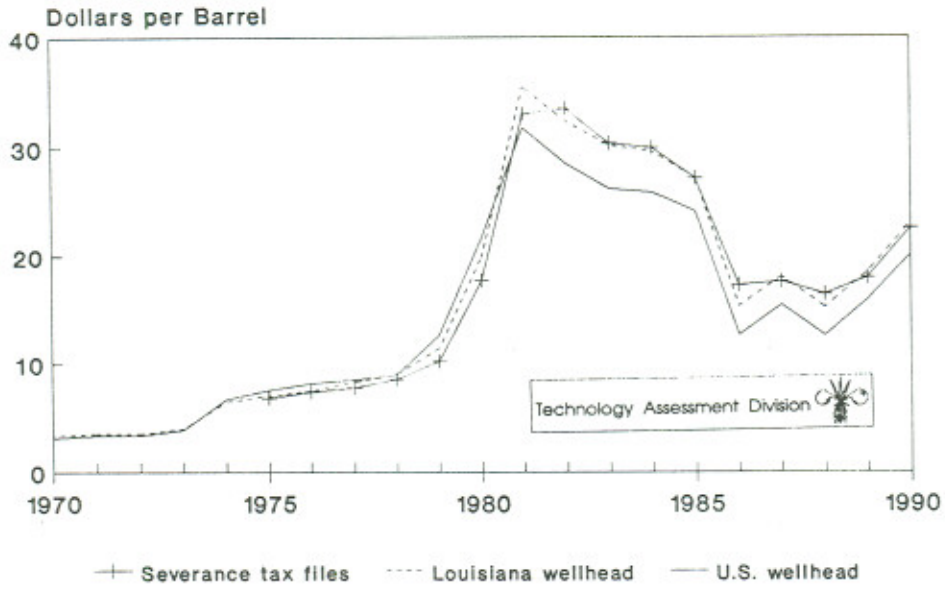


FIGURE 8
NATURAL GAS AVERAGE PRICES

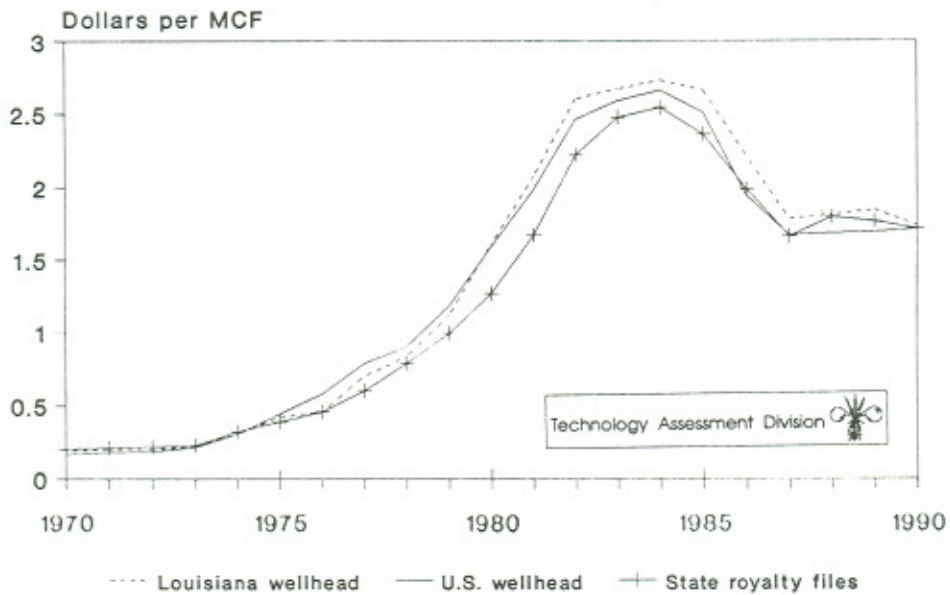


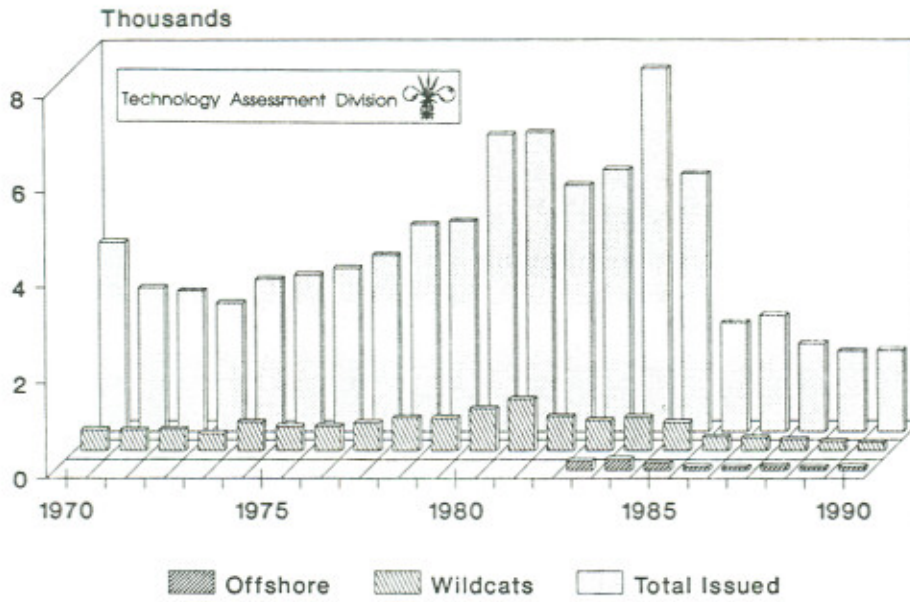
TABLE 17

LOUISIANA AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMERS³
(Dollars/MCF)

<u>DATE</u>	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL</u>	<u>UTILITY</u>	<u>ALL CONSUMERS</u>
1970	0.77	0.38	0.24	0.22	0.27
1971	0.84	0.41	0.27	0.24	0.30
1972	0.91	0.46	0.33	0.27	0.35
1973	0.97	0.51	0.38	0.29	0.40
1974	1.12	0.60	0.63	0.49	0.63
1975	1.37	0.80	0.76	0.54	0.75
1976	1.57	1.10	0.94	0.83	0.96
1977	1.97	1.40	1.18	0.96	1.19
1978	2.47	1.44	0.96	1.18	1.11
1979	2.71	2.28	0.92	1.54	1.27
1980	3.40	2.69	1.28	2.09	1.65
1981	4.15	3.69	1.88	2.82	2.30
1982	5.32	4.93	3.16	3.23	3.36
1983	6.12	5.71	3.13	3.30	3.45
1984	5.96	5.54	3.18	3.18	3.40
1985	5.67	5.28	3.03	2.86	3.19
1986	5.77	5.25	1.91	1.94	2.19
1987	5.56	4.97	1.80	1.67	2.15
1988	5.31	5.27	1.92	1.63	2.23
January	5.37	5.18	2.33	1.80	2.82
February	5.23	4.96	2.30	1.81	2.79
March	4.90	4.72	2.00	1.59	2.42
April	5.78	5.01	1.79	1.66	2.20
May	6.43	4.87	1.82	1.82	2.09
June	7.11	5.47	1.90	1.85	2.14
July	7.23	5.26	1.91	1.86	2.14
August	7.65	5.61	1.90	1.79	2.11
September	7.63	5.64	1.87	1.71	2.10
October	7.36	5.55	1.81	1.69	2.10
November	6.83	5.80	1.90	1.66	2.33
December	6.01	5.67	2.12	2.03	2.90
1989 AVERAGE	6.42	5.32	1.97	1.77	2.31
January	5.18	5.12	2.51	2.01	3.08
February	5.90	5.40	2.56	1.73	2.88
March	5.01	4.61	2.20	1.64	2.38
April	6.11	5.28	1.82	1.62	2.15
May	6.20	5.02	1.80	1.65	2.00
June	7.32	5.45	1.76	1.72	1.97
July	7.49	5.42	1.71	1.72	1.92
August	7.72	5.71	1.66	1.60	1.84
September	7.49	5.53	1.55	1.58	1.79
October	7.23	5.71	1.73	1.75	2.00
November	6.77	5.89	2.03	1.93	2.45
December	6.34	5.65	2.37		
1990 AVERAGE	6.56	5.40	1.98	1.72	2.22

See footnotes in Appendix A.

FIGURE 9
LOUISIANA STATE DRILLING PERMITS ISSUED



Federal OCS excluded

FIGURE 10
LOUISIANA AVERAGE ACTIVE RIGS

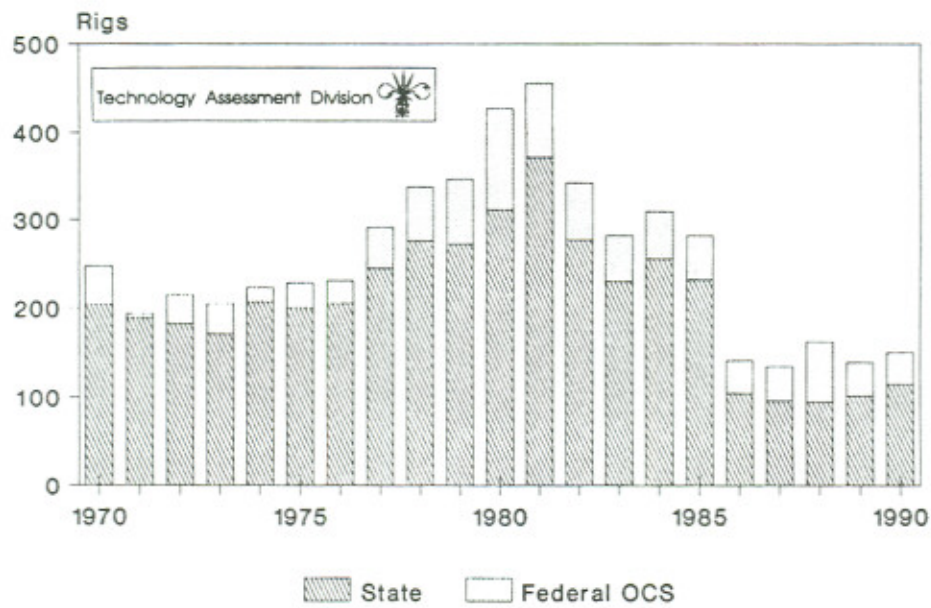


TABLE 18

 UNITED STATES AVERAGE NATURAL GAS PRICES³
 (Dollars/MCF)

DATE	WELLHEAD ALL WELLS	--MAJOR PIPELINES--		CITY GATE	DELIVERED TO CONSUMERS
		FOREIGN IMPORTS	PURCHASE FROM PRODUCERS		
1970	0.17	N/A	N/A	0.35	0.59
1971	0.18	N/A	N/A	0.39	0.63
1972	0.19	N/A	N/A	0.43	0.68
1973	0.22	N/A	N/A	0.46	0.73
1974	0.30	N/A	N/A	0.57	0.89
1975	0.45	N/A	N/A	0.80	1.19
1976	0.58	N/A	N/A	0.98	1.47
1977	0.79	N/A	N/A	1.31	1.78
1978	0.91	2.21	0.83	1.47	1.98
1979	1.18	2.60	1.22	1.81	2.34
1980	1.59	4.42	1.63	2.41	2.91
1981	1.98	4.84	2.15	2.89	3.51
1982	2.46	4.94	2.72	3.60	4.32
1983	2.59	4.51	2.93	4.04	4.82
1984	2.66	4.08	2.91	3.89	4.85
1985	2.51	3.10	2.85	3.75	4.72
1986	1.94	2.53	2.39	3.22	4.13
1987	1.67	2.14	2.10	2.87	4.05
1988	1.68	2.00	2.05	2.92	3.97
January	1.99	1.77	2.35	3.17	4.67
February	1.81	2.20	2.16	3.10	4.60
March	1.69	1.99	2.14	2.89	4.46
April	1.56	2.01	2.19	2.83	4.18
May	1.61	2.00	2.11	2.94	3.94
June	1.65	2.04	2.05	2.98	3.72
July	1.65	1.88	2.00	3.08	3.59
August	1.61	2.27	2.11	3.04	3.57
September	1.55	2.02	2.08	2.99	3.67
October	1.58	2.17	2.13	2.84	3.86
November	1.66	2.13	2.23	2.98	4.30
December	1.92	2.08	2.39	3.10	4.61
1989 AVERAGE	1.69	2.05	2.16	3.00	4.10
January	2.22	2.04	2.42	3.25	4.77
February	1.85	2.25	2.18	3.10	4.82
March	1.56	1.99	1.94	2.95	4.50
April	1.50	2.00	2.17	2.84	4.23
May	1.47	2.08	1.98	2.81	3.84
June	1.49	1.91	2.18	3.00	3.53
July	1.50	1.88	2.00	3.03	3.39
August	1.51	1.93	1.86	2.91	3.35
September	1.58	1.89	1.93	2.92	3.47
October	1.79	1.90	2.18	2.81	3.82
November	2.00	2.21	2.45	3.14	4.35
December	2.05	2.27	2.58	3.19	4.10
1990 AVERAGE	1.71	2.03	2.16	3.00	4.01

See footnotes in Appendix A.

TABLE 19

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

<u>DATE</u>	<u>WILDCATS</u>	<u>+</u>	<u>DEVELOPMENTAL</u>	<u>=</u>	<u>TOTAL</u>	<u>=</u>	<u>OFFSHORE</u>	<u>+</u>	<u>ONSHORE</u>
1970	447		3,535		3,982		N/A		N/A
1971	441		2,570		3,011		N/A		N/A
1972	453		2,487		2,940		N/A		N/A
1973	370		2,318		2,688		N/A		N/A
1974	610		2,584		3,194		N/A		N/A
1975	513		2,773		3,286		N/A		N/A
1976	515		2,913		3,428		N/A		N/A
1977	588		3,119		3,707		N/A		N/A
1978	695		3,657		4,352		N/A		N/A
1979	694		3,725		4,419		N/A		N/A
1980	893		5,344		6,237		N/A		N/A
1981	1,086		5,195		6,281		N/A		N/A
1982	727		4,454		5,181		N/A		N/A
1983	642		4,852		5,494	201			5,293
1984	702		6,929		7,631	231			7,400
1985	599		4,811		5,410	165			5,245
1986	298		1,984		2,282	84			2,198
1987	284		2,148		2,432	73			2,359
1988	249		1,601		1,850	94			1,756
January	13		74		87	3			84
February	14		74		88	7			81
March	10		113		123	6			117
April	18		113		131	9			122
May	17		134		151	5			146
June	23		132		155	7			148
July	15		106		121	6			115
August	26		173		199	0			199
September	20		130		150	7			143
October	23		183		206	7			199
November	17		140		157	10			147
December	8		114		122	8			114
1989 TOTAL	204		1,486		1,690	75			1,615
January	7		93		100	6			94
February	14		66		80	6			74
March	15		117		132	4			128
April	17		125		142	9			133
May	18		139		157	10			147
June	16		136		152	4			148
July	17		105		122	3			119
August	24		187		211	18			193
September	19		132		151	2			149
October	15		163		178	13			165
November	12		183		195	4			191
December	7		80		87	6			81
1990 TOTAL	181		1,526		1,707	85			1,622

TABLE 21

LOUISIANA PRODUCING CRUDE OIL WELLS
Excluding Federal OCS

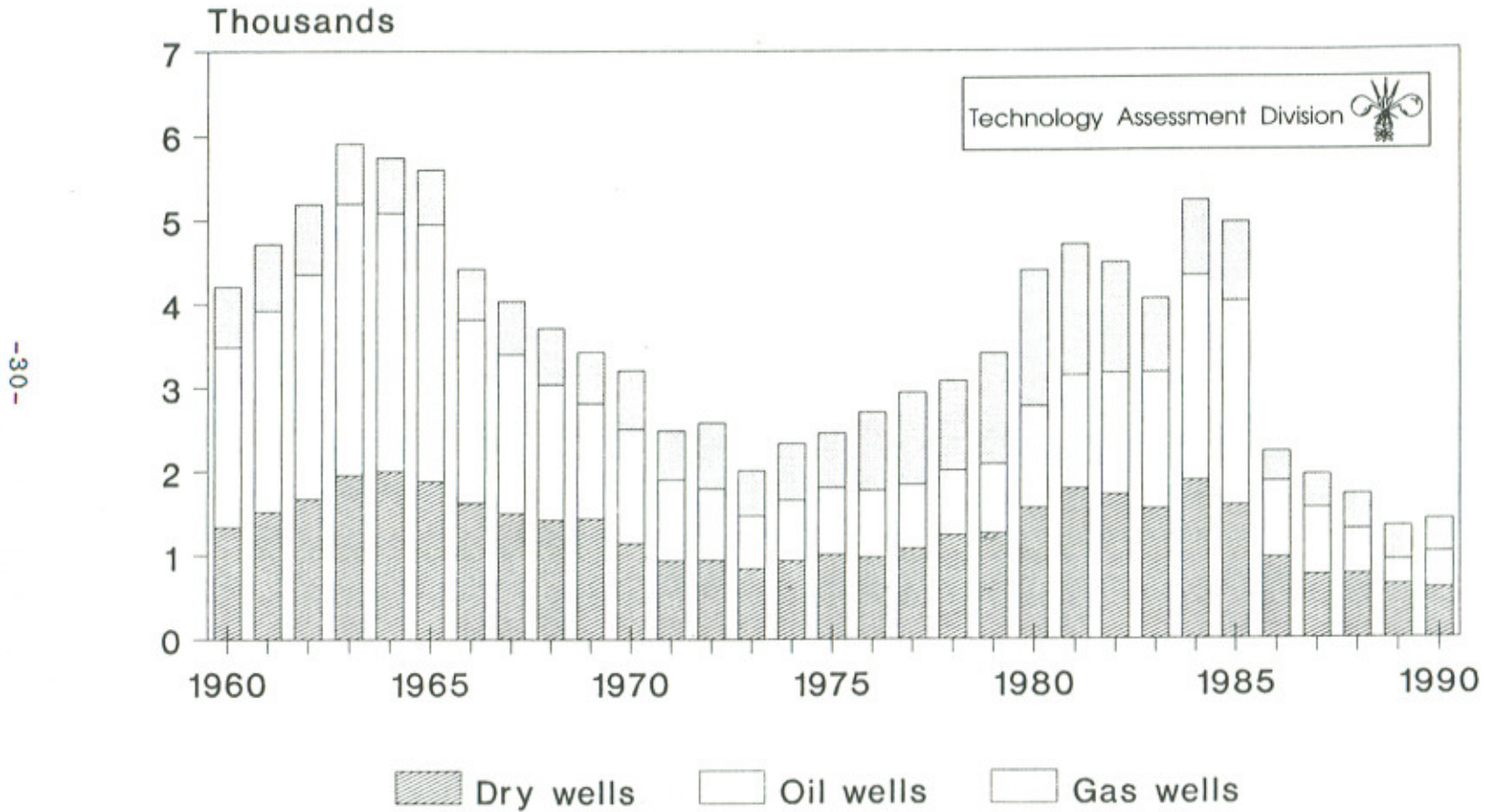
<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	13,166	3,341	1,179	17,685
1971	12,889	3,188	1,107	17,184
1972	12,475	3,002	1,048	16,526
1973	11,698	2,838	1,025	15,561
1974	11,984	2,798	985	15,766
1975	12,259	2,827	936	16,022
1976	12,393	2,819	1,073	16,285
1977	12,915	2,797	1,067	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
January	17,133	5,664	968	23,765
February	17,003	5,710	938	23,651
March	16,974	5,604	934	23,512
April	17,198	5,489	931	23,618
May	17,196	5,551	934	23,681
June	16,552	5,392	928	22,872
July	17,002	5,486	894	23,382
August	16,856	5,489	925	23,270
September	16,419	5,436	923	22,778
October	16,049	5,300	925	22,274
November	17,114	5,310	924	23,348
December	16,691	5,253	903	22,847
1989 TOTAL	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

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
January	10,914	2,491	478	13,883
February	11,128	2,530	475	14,133
March	11,026	2,542	486	14,054
April	10,812	2,512	495	13,819
May	10,956	2,497	484	13,937
June	10,899	2,473	501	13,873
July	10,849	2,419	507	13,775
August	10,856	2,464	525	13,845
September	10,816	2,400	501	13,717
October	10,511	2,418	513	13,442
November	10,748	2,441	521	13,710
December	10,811	2,499	528	13,838
1989 TOTAL	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

FIGURE 11
 LOUISIANA WELL COMPLETIONS BY TYPE
 Excluding Federal OCS



-30-

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	166 ^R	299 ^R
1990	8	163	259	430	
N A T G U A 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 ^R	149 ^R	258 ^R	418 ^R
	1989	17	132	253	402
1990	11	141	235	387	
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
	1986	41	734	1,106	1,881
	1985	37	571	974	1,582
	1986	17	442	503	962
	1987	14	302	435	751
	1988	17	325	418	760
	1989	11	257 ^R	63 ^R	631 ^R
1990	9	228	54	591	

^RRevised

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	143.90
1974	118.23	42.47	7.01	1.18	168.89
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	195.91
1979	98.30	113.65	11.50	3.36	226.81
1980	158.27	131.95	17.05	3.34	310.61
1981	291.90	160.24	18.20	3.28	473.61
1982	248.44	204.25	14.35	1.82	468.86
1983	224.62	211.84	13.00	1.53	450.99
1984	226.64	210.99	13.06	2.29	452.97
1985	201.14	174.45	9.55	2.62	387.75
1986	122.22 ^R	154.83 ^R	6.27	1.96	285.28 ^R
1987	125.70 ^R	120.33 ^R	4.68	1.60	252.31 ^R
1988	98.44 ^R	131.46 ^R	4.31	1.35 ^R	235.56 ^R
January	9.29 ^R	11.96 ^R	0.35	0.11	21.70 ^R
February	8.26	9.39 ^R	0.30	0.10	18.05 ^R
March	9.73	8.90 ^R	0.36	0.13 ^R	19.12 ^R
April	10.32 ^R	9.09 ^R	0.34	0.13 ^R	19.88 ^R
May	10.42 ^R	9.70 ^R	0.40	0.13	20.65 ^R
June	9.64 ^R	9.25 ^R	0.35	0.12	19.35 ^R
July	9.84 ^R	9.33 ^R	0.34	0.12	19.64 ^R
August	8.87 ^R	9.46 ^R	0.31	0.12 ^R	18.77 ^R
September	9.04 ^R	8.78 ^R	0.30	0.11	18.23 ^R
October	9.12 ^R	9.18 ^R	0.30	0.12	18.72 ^R
November	9.24 ^R	10.45 ^R	0.27	0.11	20.07 ^R
December	8.55 ^R	10.21 ^R	0.28 ^R	0.13 ^R	19.16 ^R
1989 TOTAL	112.32 ^R	115.69 ^R	3.91 ^R	1.42 ^R	233.33 ^R
January	10.19	13.55	0.37	0.12	24.22
February	9.66	11.00	0.29	0.09	21.04
March	9.58	9.29	0.26	0.08	19.22
April	8.66	8.30	0.19	0.07	17.21
May	8.34	8.21	0.22	0.08	16.85
June	7.37	7.96	0.19	0.07	15.59
July	8.46	7.63	0.21	0.07	16.37
August	12.49	7.05	0.25	0.07	19.86
September	14.73	7.17	0.35	0.68	22.92
October	17.67	8.32	0.49	0.06	26.54
November	15.47	10.18	0.45	0.06	26.15
December	12.75	11.45	0.47	0.05	24.73
1990 TOTAL	135.35	110.10	3.74	0.89	250.09

^RRevised

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

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

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 ^R	9.88 ^R
1971	12.53	0.00	2.00 ^R	14.53 ^R
1972	8.53	0.00	2.08 ^R	10.61 ^R
1973	6.56	0.00	1.92 ^R	8.48 ^R
1974	47.41	0.00	2.65 ^R	50.06 ^R
1975	27.96	0.00	4.39 ^R	32.35 ^R
1976	56.02	0.02	6.00 ^R	62.04 ^R
1977	19.16	0.27	12.25 ^R	31.68 ^R
1978	97.58	0.48	15.61 ^R	113.67 ^R
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
January	0.57	0.01	0.48	1.07
February	1.42	0.02	0.78	2.21
March	0.18	0.02	0.64	0.84
April	1.49	0.01	0.88	2.38
May	0.36	0.02	0.32	0.70
June	1.93	0.02	0.24	2.18
July	0.77	0.04	0.28	1.10
August	1.00	0.02	0.52	1.53
September	0.67	0.02	2.08	2.78
October	0.67	0.04	0.46	1.18
November	2.26	0.02	0.82	3.11
December	0.25	0.03	0.84	1.12
1989 TOTAL	11.59	0.29	8.34	20.21
January	1.29	0.02	0.51	1.82
February	2.73	0.02	0.73	3.49
March	0.10	0.03	1.14	1.27
April	5.63	0.03	0.00	5.65
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	0.38
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

^RRevised

TABLE 26

LOUISIANA MINERAL SEVERANCE TAX REVENUE⁷
 Excluding Federal OCS
 (Million Dollars)

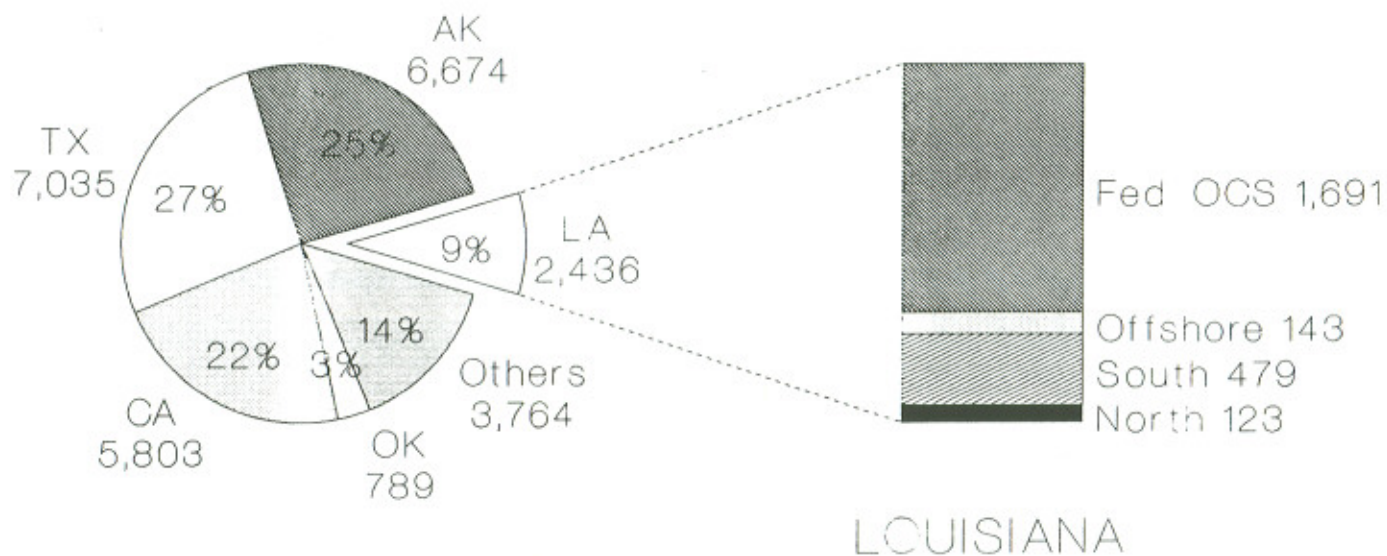
<u>DATE</u>	<u>OIL</u>	<u>GAS</u>	<u>OTHER MINERALS</u>	<u>SEVERANCE TOTAL</u>
1970	129.80	116.31	3.57	249.67
1971	127.76	115.03	3.59	246.38
1972	117.29	130.68	3.41	251.38
1973	106.62	169.80	3.62	280.05
1974	276.71	221.58	3.67	501.95
1975	278.77	234.34	N/A	513.10
1976	273.71	216.76	N/A	490.47
1977	261.91	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
January	22.42	10.22	0.17	32.81
February	32.23	11.77	0.08	44.09
March	25.02	9.82	0.28	35.12
April	24.61	7.63	0.18	32.42
May	28.24	8.98	0.21	37.43
June	24.87	9.91	0.24	35.01
July	30.28	9.27	0.22	39.77
August	27.61	8.55	0.21	36.36
September	24.14	8.92	0.20	33.25
October	20.55	7.56	0.23	28.34
November	21.72	7.35	0.25	29.31
December	31.32	8.88	0.16	40.35
1989 TOTAL	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
1990 TOTAL	373.21	124.61	2.75	500.58


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

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

See footnotes in Appendix A.

FIGURE 12
 1990 UNITED STATES CRUDE OIL RESERVES
 Million Barrels



Technology Assessment Division 

NOTE: Data as of December 31, 1989
 SOURCE: U.S. Department of Energy

TABLE 27

LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES⁸
 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
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

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

TABLE 28

LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES⁸
 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*

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 RESERVES⁸
 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

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

TABLE 30

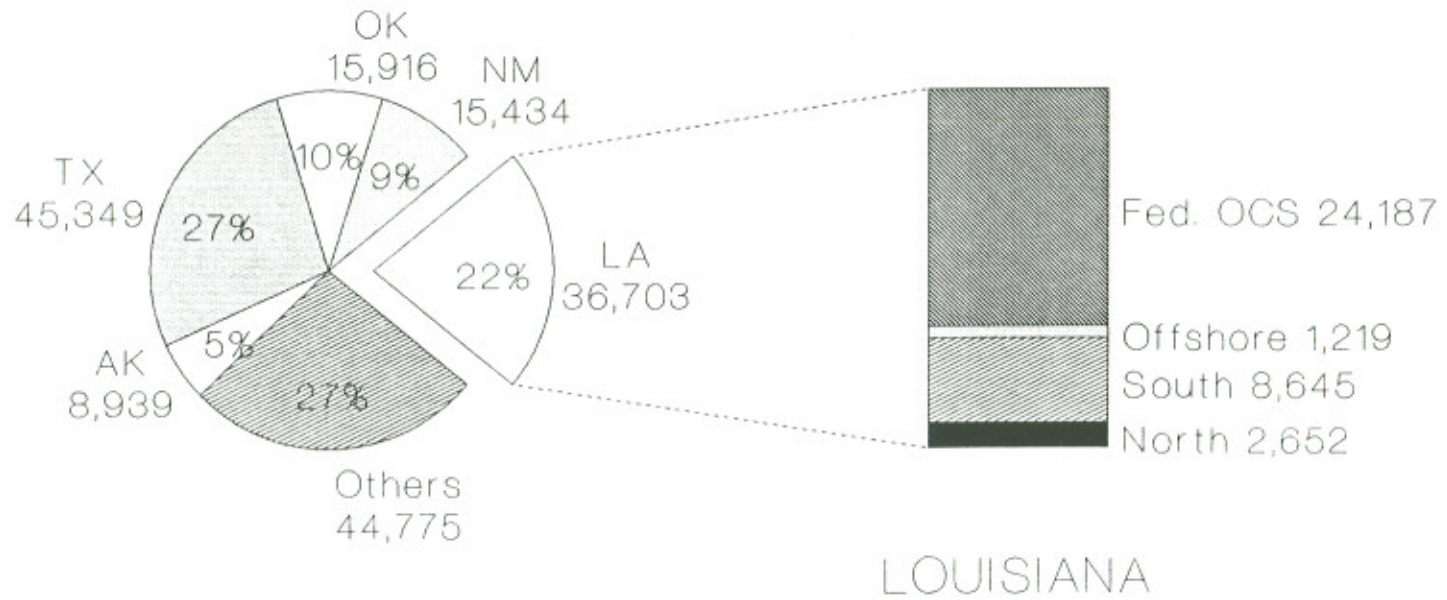
LOUISIANA ESTIMATED NATURAL GAS LIQUIDS PROVED RESERVES⁸
 EXCLUDING LEASE CONDENSATE
 As of December 31st of Each Year
 (Million Barrels)


<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

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

See footnotes in Appendix A.

FIGURE 13
1990 UNITED STATES NATURAL GAS RESERVES
Billion Cubic Feet



Technology Assessment Division 

NOTE: Data as of December 31, 1989
SOURCE: U.S. Department of Energy

TABLE 31

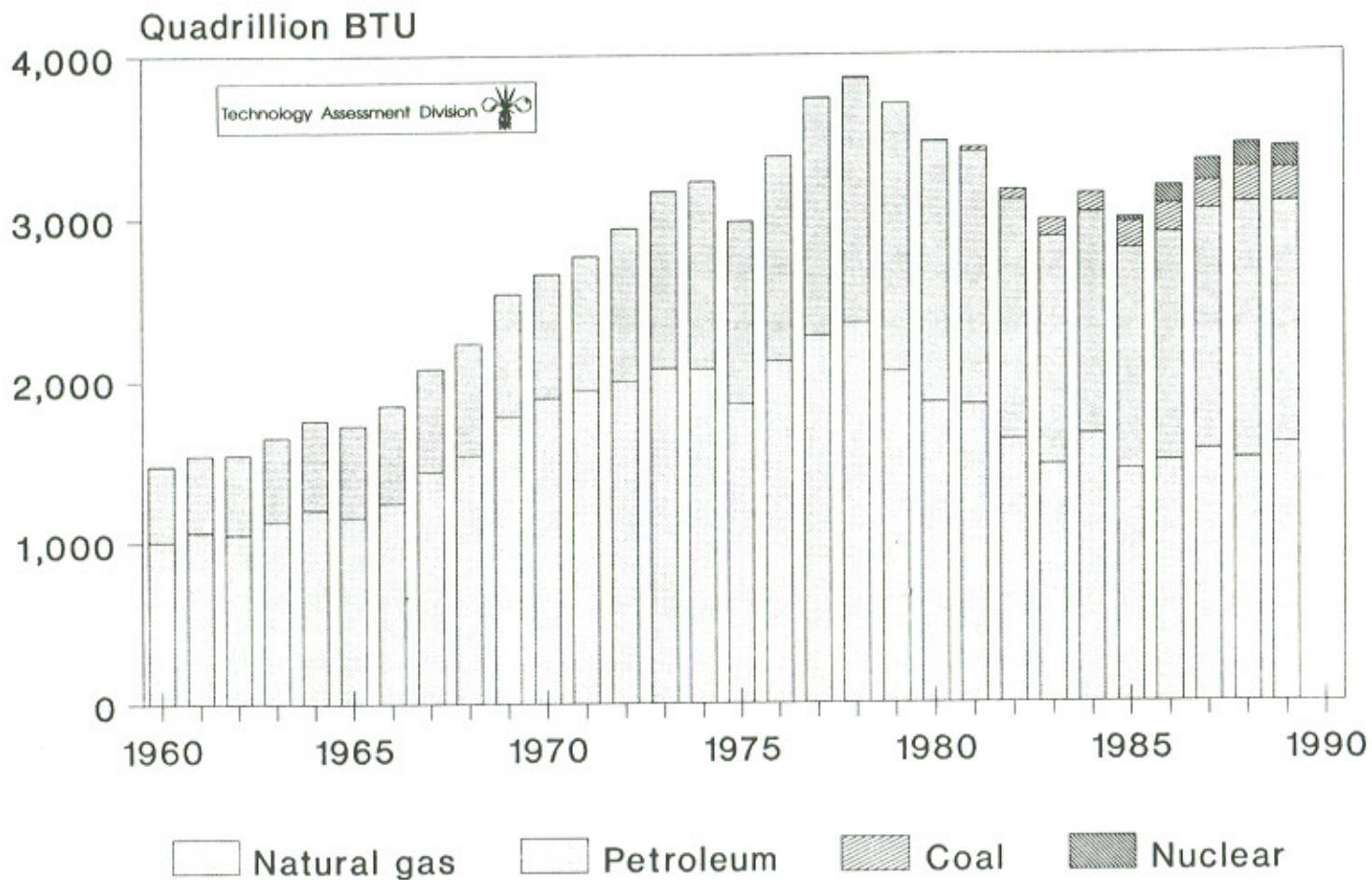
LOUISIANA NONAGRICULTURAL EMPLOYMENT¹

<u>DATE</u>	<u>OIL & GAS PRODUCTION</u>	<u>CHEMICAL INDUSTRY</u>	<u>OIL REFINING</u>	<u>OIL PIPELINE</u>	<u>TOTAL EMPLOYMENT</u>
1970	46,334 ^R	23,649 ^R	10,355 ^R	900	1,203,000
1971	46,081 ^R	23,848 ^R	10,384 ^R	900	1,230,000
1972	18,779 ^R	23,954 ^R	10,216 ^R	900	1,241,000
1973	49,794 ^R	25,045 ^R	10,798 ^R	900	1,287,000
1974	56,254 ^R	26,133 ^R	10,946 ^R	900	1,280,000
1975	59,950 ^R	26,419 ^R	10,570 ^R	950	1,336,000
1976	62,678 ^R	28,904 ^R	10,499 ^R	900	1,285,500
1977	64,032 ^R	30,446 ^R	10,678 ^R	900	1,444,600
1978	70,678 ^R	31,627 ^R	11,599 ^R	1,000	1,509,100
1979	74,017 ^R	31,831 ^R	12,608 ^R	1,100	1,554,370
1980	85,778 ^R	33,490 ^R	13,287 ^R	1,200	1,599,600
1981	94,772 ^R	32,711 ^R	16,314 ^R	1,200	1,627,796
1982	92,225 ^R	33,984 ^R	13,111 ^R	1,033	1,571,017
1983	77,283 ^R	30,272 ^R	13,140 ^R	1,282	1,531,480
1984	78,032 ^R	29,104 ^R	13,053 ^R	1,247	1,568,064
1985	77,781 ^R	28,093 ^R	12,458 ^R	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
January	52,484	27,737	11,407	1,012	1,448,582
February	52,270	27,714	11,503	1,009	1,453,812
March	52,313	27,774	11,501	1,006	1,457,828
April	51,995	27,841	11,310	1,015	1,490,245
May	52,310	28,020	11,365	1,009	1,503,069
June	52,709	28,358	11,495	1,022	1,513,755
July	52,463	28,276	11,312	1,032	1,485,058
August	53,021	28,421	11,283	1,034	1,495,198
September	52,688	23,305	11,267	1,024	1,505,938
October	52,166	28,363	11,117	1,007	1,516,362
November	52,657	28,407	11,130	1,008	1,518,938
December	53,027 ^R	28,392 ^R	11,160	1,017	1,515,829 ^R
1989 AVERAGE	52,509 ^R	27,717 ^R	11,321	1,016	1,492,051 ^R
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	1,570,890
1990 AVERAGE	53,992	29,889	11,534	1,041	1,545,727

^RRevised

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 SOURCE¹⁰

<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	88,877 ^R	N/A	0
1961	1,534	1,029	89,913 ^R	N/A	0
1962	1,548	1,015	94,073 ^R	N/A	0
1963	1,651	1,091	99,448 ^R	N/A	0
1964	1,755	1,144	106,280 ^R	N/A	0
1965	1,729	1,110	109,347 ^R	N/A	0
1966	1,843	1,202	115,938 ^R	N/A	0
1967	2,087	1,394	123,116 ^R	N/A	0
1968	2,255	1,521	134,869 ^R	N/A	0
1969	2,532	1,763	148,101 ^R	N/A	0
1970	2,660	1,841	150,174 ^R	0	0
1971	2,768	1,884	163,324 ^R	0	0
1972	2,945	1,940	186,471 ^R	0	0
1973	3,180	2,010	212,696 ^R	0	0
1974	3,269	2,008	222,644 ^R	0	0
1975	2,987	1,789	214,094 ^R	0	0
1976	3,374	2,044	237,153 ^R	0	0
1977	3,748	2,191	270,942 ^R	79	0
1978	3,882	2,249	279,435 ^R	172	0
1979	3,779	1,978	307,850 ^R	118	0
1980	3,594	1,794	296,302	111	0
1981	3,615	1,782	295,536	1,363	0
1982	3,369	1,556	287,807	3,724	0
1983	3,209	1,413	276,207	6,154	0
1984	3,414	1,594	258,617	6,855	0
1985	3,212	1,386	260,869	9,217	2,457
1986	3,292	1,439	264,899	10,459	10,637
1987	3,456	1,501	276,165 ^R	10,391	12,324
1988	3,494	1,446	291,987 ^R	12,848	13,785
1989	3,523	1,553	272,154	12,471	12,391

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

^RRevised

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

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.

APPENDIX B

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)*

<u>DATE</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1970	464,426,262	4,514,214,330	628,303,618	5,606,944,043
1971	424,554,747	4,441,524,276	631,977,812	5,498,056,859
1972	431,484,418	4,369,692,640	622,797,973	5,423,975,060
1973	407,412,585	3,992,829,597	567,944,261	4,968,186,425
1974	366,640,193	3,479,726,554	527,284,576	4,373,651,256
1975	348,087,180	2,963,533,685	519,686,890	3,831,307,726
1976	354,699,747	2,684,596,893	523,207,559	3,562,504,115
1977	355,168,688	2,517,077,585	495,831,333	3,368,077,531
1978	339,810,635	2,324,919,119	499,536,568	3,164,266,329
1979	366,072,506	2,176,086,952	487,511,859	3,029,671,358
1980	377,031,668	1,970,503,760	416,970,906	2,764,506,335
1981	428,405,772	1,799,516,073	382,343,208	2,610,265,052
1982	386,004,470	1,566,377,340	366,786,209	2,319,168,019
1983	372,027,023	1,348,297,504	327,867,482	2,048,192,008
1984	394,640,402	1,418,548,957	324,376,488	2,137,565,847
1985	363,537,229	1,295,763,694	259,172,206	1,918,473,130
1986	370,310,910	1,249,070,999	251,065,896	1,870,447,805
1987	363,529,336	1,192,750,121	234,822,851	1,791,102,308
1988	381,547,620	1,204,046,016	221,770,661	1,807,364,297
January	33,928,768	102,841,524	16,552,065	153,322,356
February	30,578,072	92,212,097	15,242,381	138,032,550
March	33,904,445	102,741,557	16,917,367	153,563,368
April	32,321,543	98,657,522	16,742,141	147,721,207
May	32,723,046	99,919,547	17,632,634	150,275,227
June	32,105,476	94,107,508	17,348,552	143,561,537
July	32,478,128	96,553,967	18,198,261	147,230,355
August	31,875,548	96,214,477	19,190,137	147,280,161
September	29,859,680	92,461,566	18,262,980	140,584,227
October	29,360,928	96,266,481	18,631,866	144,259,274
November	32,799,777	95,139,485	18,902,897	146,842,160
December	32,223,584	90,079,368	17,018,538	139,321,490
1989 TOTAL	384,158,995	1,157,195,099	210,639,820	1,751,993,914
January	34,707,178	99,322,816	18,757,193	152,787,186
February	30,370,069	91,193,156	16,822,048	138,385,274
March	35,338,339	97,323,926	18,237,027	150,899,292
April	32,332,065	91,447,341	16,375,626	140,155,032
May	33,683,873	93,316,529	16,990,762	143,991,164
June	33,748,727	90,782,582	15,897,642	140,428,951
July	33,502,537	96,099,106	16,002,853	145,604,496
August	34,977,210	93,232,379	14,998,002	143,207,591
September	32,945,263	92,636,226	14,889,942	140,471,432
October	34,892,589	98,591,832	15,090,710	148,575,132
November	34,381,230	98,931,642	14,983,470	148,296,342
December	35,964,034	101,813,135	14,868,730	152,645,899
1990 TOTAL	406,843,114	1,144,690,673	193,914,005	1,745,447,791

*See Table 9 for corresponding volumes at 15.025 psia.

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	
1970	4,978,640,594	628,303,618	2,273,147,040	7,880,091,253
1971	4,866,079,026	631,977,812	2,634,014,031	8,132,070,869
1972	4,801,177,061	622,797,973	2,881,364,733	8,305,339,767
1973	4,400,242,185	567,944,262	3,055,628,236	8,023,814,682
1974	3,846,366,748	527,284,576	3,349,170,864	7,722,822,188
1975	3,311,620,867	519,686,890	3,332,169,057	7,163,476,814
1976	3,039,296,642	523,207,559	3,499,865,900	7,062,370,101
1977	2,872,246,274	495,831,333	3,647,513,674	7,015,591,281
1978	2,664,729,755	499,536,568	4,149,731,136	7,313,997,459
1979	2,542,159,459	487,511,860	4,158,521,710	7,188,193,029
1980	2,347,535,430	416,970,906	4,013,707,434	6,778,213,770
1981	2,227,921,846	382,343,208	4,106,494,590	6,716,759,644
1982	1,952,381,811	366,786,209	3,803,740,050	6,122,908,070
1983	1,720,324,527	327,867,482	3,173,892,354	5,222,084,363
1984	1,813,189,360	324,376,488	3,578,740,570	5,716,306,418
1985	1,659,300,924	259,172,207	3,116,884,490	5,035,357,621
1986	1,619,381,911	251,065,896	2,927,832,264	4,798,280,070
1987	1,556,279,459	234,822,851	3,180,107,195	4,971,209,504
1988	1,585,593,638	221,770,661	3,096,881,628	4,904,245,926
January	136,770,291	16,552,065	273,827,920	427,150,277
February	122,790,169	15,242,381	246,471,593	384,504,143
March	136,646,002	16,917,367	267,875,899	421,439,268
April	130,979,066	16,742,141	253,662,214	401,383,421
May	132,642,593	17,632,634	257,245,386	407,520,613
June	126,212,985	17,348,553	243,767,044	387,328,582
July	129,032,095	18,198,261	243,037,621	390,267,977
August	128,090,024	19,190,137	244,101,561	391,381,722
September	122,321,246	18,262,980	229,202,857	369,787,084
October	125,627,408	18,631,866	237,687,137	381,946,412
November	127,939,262	18,902,897	255,001,463	401,843,623
December	122,302,952	17,018,538	254,695,366	394,016,856
1989 TOTAL	1,541,354,095	210,639,820	3,006,576,061	4,758,569,976
January	134,029,993	18,757,193	293,226,687	446,013,873
February	121,563,226	16,822,048	242,707,487	381,092,761
March	132,662,265	18,237,027	271,125,131	422,024,423
April	123,779,406	16,375,626	246,668,790	386,823,822
May	127,000,403	16,990,762	255,274,539	399,265,704
June	124,531,309	15,897,642	275,073,209	415,502,160
July	129,601,643	16,002,853	218,762,002	364,366,498
August	128,209,589	14,998,002	251,000,458	394,208,049
September	125,581,490	14,889,942	229,444,608	369,916,040
October	133,484,422	15,090,710	268,677,822	417,252,954
November	133,312,872	14,983,470	280,677,767	428,974,109
December	137,777,169	14,868,730	294,278,174	446,924,073
1990 TOTAL	1,551,533,787	193,914,005	3,126,916,673	4,872,364,466

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.

APPENDIX D-3

FEDERAL OCS GAS PRODUCTION, WET AFTER LEASE SEPARATION¹¹
 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

See footnotes in Appendix A.

*See Table 12 for corresponding volumes at 15.025 psia.

APPENDIX D-4

 UNITED STATES NATURAL GAS AND CASINGHEAD PRODUCTION³
 (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	835
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	20,210	18,520	17,758	933
1983	18,597	16,822	16,033	920
1984	20,192	18,230	17,392	843
1985	19,534	17,198	16,382	949
1986	19,063	16,791	15,991	750
1987	20,056	17,349	16,536	992
1988	20,922	17,841	17,026	1,294
January	1,866	1,602	1,532	119
February	1,712	1,479	1,415	110
March	1,809	1,568	1,500	113
April	1,737	1,493	1,428	110
May	1,770	1,513	1,447	108
June	1,683	1,451	1,388	104
July	1,720	1,479	1,415	101
August	1,715	1,468	1,404	108
September	1,644	1,397	1,337	117
October	1,719	1,467	1,403	123
November	1,784	1,527	1,461	123
December	1,850	1,586	1,514	145
1989 TOTAL	21,009	18,029	17,245	1,382
January	1,936	1,684	1,605	149
February	1,714	1,498	1,428	118
March	1,836	1,589	1,515	115
April	1,739	1,499	1,429	122
May	1,774	1,525	1,454	108
June	1,705	1,475	1,406	114
July	1,729	1,495	1,425	119
August	1,743	1,506	1,436	118
September	1,670	1,441	1,374	120
October	1,783	1,545	1,475	139
November	1,815	1,569	1,496	135
December	1,901	1,643	1,566	155
1990 TOTAL	21,345	18,469	17,609	1,512

See footnotes in Appendix A.

*See Table 13 for corresponding volumes at 15.025 psia.