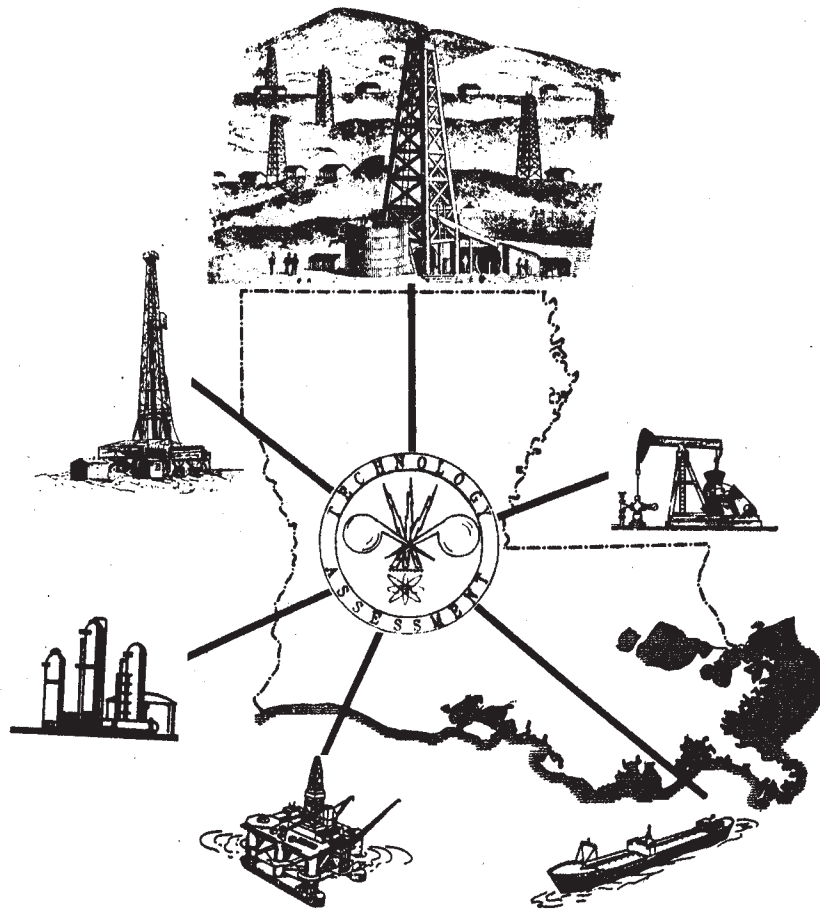


LOUISIANA ENERGY FACTS ANNUAL 1988

DEPARTMENT OF NATURAL RESOURCES

Raymond W. Stephens, Jr.
Secretary of Natural Resources



Energy Division, Technology Assessment Section

T. Michael French, Manager
William J. Delmar Jr., Supervisor
Manuel L. Lam, Editor

April 20, 1988

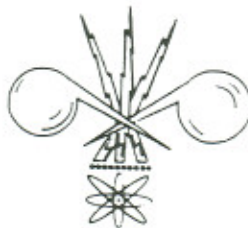
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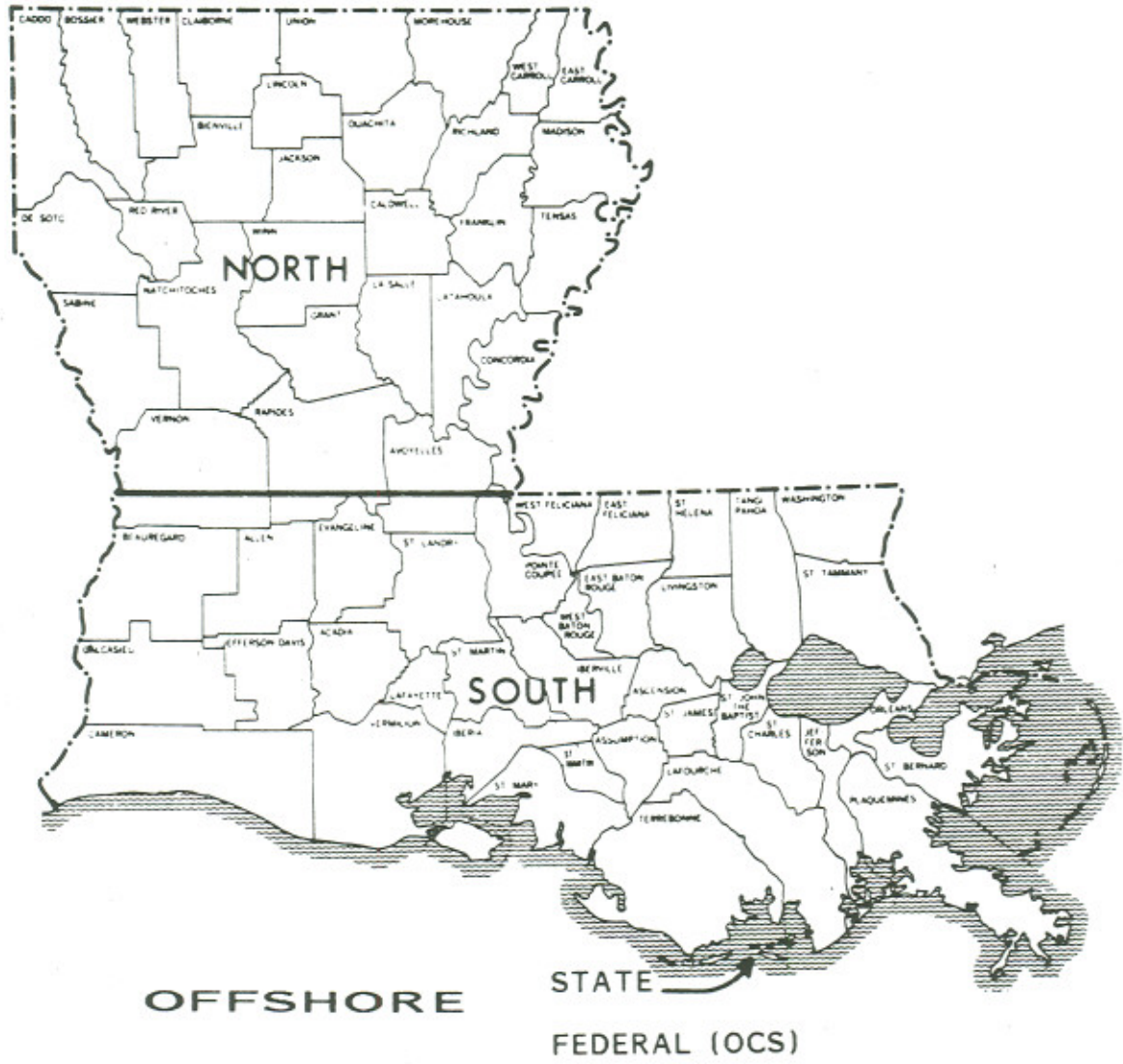
INTRODUCTION

Many of those who obtain a copy of this publication are recipients of our monthly publication Louisiana Energy Facts Sheet. The Energy Facts Annual-1988 contains all of the information and data of the monthly Facts Sheets issues of January through December of 1987. Starting with this year, once the Annual is issued each year, it will no longer be necessary to save the monthly issues from the previous calendar year.

Additionally, data coverage in the 1988 annual issue is somewhat extended - historical data is shown for a longer period of time; gas production data is expanded by the addition of marketed production; plots are provided for gas and oil production versus price; reserves figures are added for gas condensate and gas plant liquids; and revenue figures from royalties and severance are added for oil and gas.

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

SUBDIVISIONS OF LOUISIANA



MARKETED NATURAL GAS PRODUCTION
(Billion Cubic Feet, at 14.73psia & 60 degrees Fahrenheit)

DATE	LOUISIANA			UNITED STATES ²	
	STATE ⁷	FEDERAL ³ OCS	TOTAL	TOTAL	IMPORTS
1980	2,425.7	4,514.2	6,939.9	20,180.0	985.0
1981	2,403.3	4,376.9	6,780.2	19,956.0	904.0
1982	2,174.4	3,997.2	6,171.6	18,520.0	933.0
1983	1,955.7	3,376.4	5,332.1	16,822.1	920.0
1984	1,972.2	3,852.7	5,825.0	18,064.1	843.0
January	169.8	315.4	485.1	1,635.6	104.0
February	187.6	275.4	463.0	1,485.5	99.0
March	152.0	310.2	462.2	1,483.7	90.0
April	167.2	256.6	423.8	1,397.3	76.0
May	166.5	254.0	420.5	1,383.3	73.0
June	129.9	255.0	384.8	1,335.5	65.0
July	166.8	219.1	385.9	1,368.3	59.0
August	114.6	258.1	372.7	1,365.4	61.0
September	173.0	201.9	374.9	1,338.4	63.0
October	138.8	237.5	376.4	1,393.9	76.0
November	112.8	274.1	387.0	1,398.2	77.0
December	145.7	331.4	477.1	1,613.0	106.0
1985 Total	1,824.9	3,188.8	5,013.7	17,198.0	949.0
January	144.4	345.9	490.2	1,614.4	99.0
February	182.1	228.6	410.7	1,400.9	74.0
March	170.0	267.5	437.5	1,486.9	55.0
April	137.0	256.1	393.1	1,335.9	43.0
May	163.9	235.9	399.7	1,361.4	52.0
June	125.6	247.1	372.7	1,302.1	44.0
July	166.5	221.4	387.9	1,343.9	48.0
August	154.5	228.4	382.9	1,346.9	51.0
September	134.2	244.0	378.2	1,279.6	54.0
October	162.8	213.4	376.2	1,353.5	69.0
November	117.4	290.0	407.4	1,429.7	70.0
December	206.1	252.7	458.8	1,535.9	90.0
1986 Total	1,864.4	3,031.0	4,895.4	16,790.9	749.0
January	156.9	306.3	463.2	1,574.9	101.0
February	162.8	254.7	417.5	1,414.3	81.0
March	151.9	296.1	447.9	1,496.8	87.0
April	168.9	256.5	425.4	1,403.4	68.0
May	137.2	285.0	422.3	1,386.2	60.0
June	93.6	310.7	404.3	1,334.0	57.0
July	141.8	257.2	399.0	1,364.6	66.0
August	133.5	254.9	388.4	1,385.2	57.0
September	119.9	N/A	N/A	1,335.0	55.0
October	166.4	N/A	N/A	1,394.0	78.0
November	99.7	N/A	N/A	N/A	N/A
December	155.1	N/A	N/A	N/A	N/A
1987 Total	1,687.6	2,221.4@	3,368.0@	14,088.5@	710.0@

@ Partial total.

DRY NATURAL GAS PRODUCTION*
(Billion Cubic Feet, at 14.73psia & 60 degrees Fahrenheit)

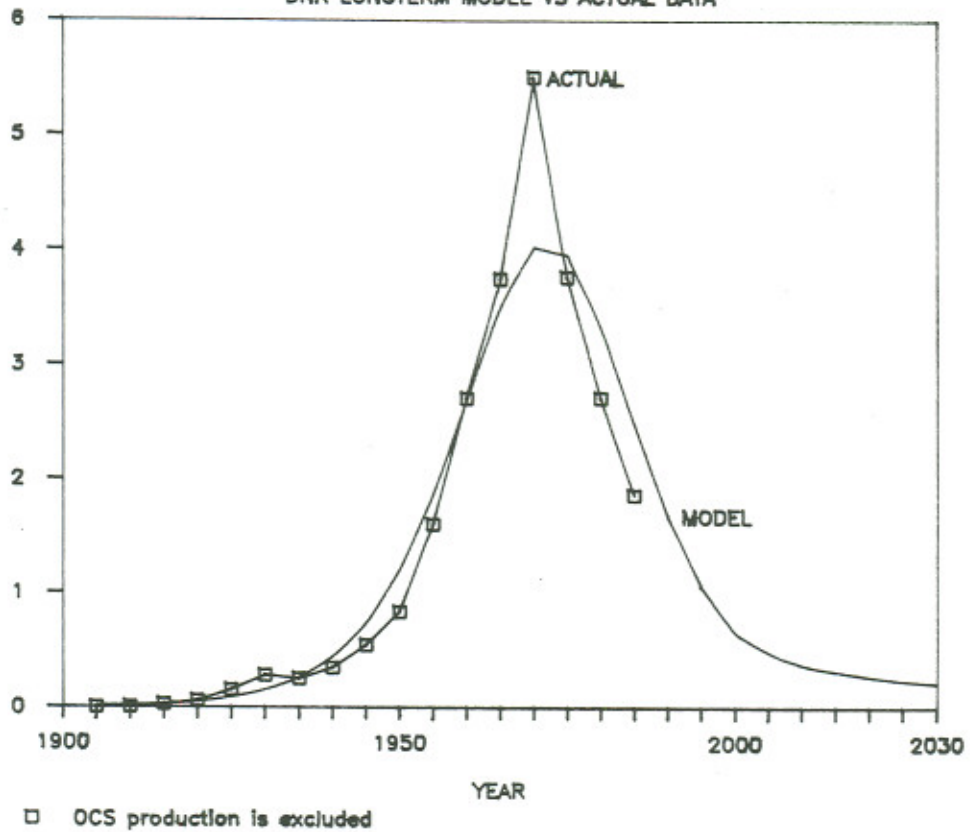
DATE	LOUISIANA STATE (Excluding OCS)				U.S. TOTAL ³
	NORTH	SOUTH	OFFSHORE	TOTAL	
1980	376.1	1,969.1	417.3	2,762.5	19,403.0
1981	423.0	1,795.7	381.9	2,600.6	19,181.0
1982	384.1	1,561.1	366.1	2,311.3	17,758.0
1983	371.2	1,349.1	324.0	2,044.4	16,033.0
1984	391.4	1,413.5	310.7	2,115.6	17,214.0
January	32.5	119.6	23.9	176.1	1,559.0
February	27.7	108.8	23.3	159.8	1,416.0
March	30.4	116.2	23.8	170.4	1,413.0
April	27.9	109.7	19.9	157.5	1,331.0
May	28.4	110.8	20.7	159.9	1,317.0
June	28.2	105.8	20.5	154.5	1,273.0
July	27.8	103.1	17.6	148.6	1,303.0
August	31.8	101.6	17.8	151.2	1,300.0
September	29.8	99.4	21.1	150.4	1,274.0
October	30.6	102.5	20.8	153.9	1,328.0
November	29.4	103.5	23.8	156.8	1,332.0
December	32.9	112.7	25.4	171.0	1,537.0
1985 Total	357.4	1,293.7	258.8	1,909.9	16,383.0
January	33.3	115.8	24.7	173.9	1,536.0
February	29.9	100.2	22.1	152.2	1,333.0
March	33.3	109.2	23.2	165.7	1,315.0
April	28.4	102.8	22.3	153.4	1,271.0
May	30.0	103.3	22.2	155.5	1,295.0
June	30.2	99.4	21.5	151.1	1,239.0
July	30.4	105.4	20.0	155.7	1,278.0
August	28.3	105.4	18.9	152.6	1,279.0
September	28.9	100.9	18.5	148.3	1,271.0
October	32.6	99.7	18.3	150.6	1,288.0
November	32.2	100.6	19.4	152.1	1,366.0
December	33.0	106.4	19.9	159.4	1,473.0
1986 Total	370.3	1,249.0	251.1	1,870.4	15,944.0
January	32.7	108.2	21.6	162.5	1,500.0
February	28.4	97.6	18.7	144.7	1,347.0
March	32.2	104.7	19.0	156.0	1,426.0
April	30.8	99.6	19.0	149.4	1,336.0
May	31.0	100.0	19.1	150.0	1,320.0
June	28.7	96.0	17.9	142.6	1,271.0
July	29.2	96.8	18.0	144.0	1,300.0
August	28.1	98.0	18.3	144.4	1,319.0
September	28.5	95.3	17.9	141.7	1,271.0
October	29.1	98.1	18.3	145.5	1,328.0
November	28.0	94.7	17.7	140.4	N/A
December	28.9	98.1	18.4	145.4	N/A
1987 Total	355.5	1,187.2	223.9	1,766.6	13,418.0@

* Including Casinghead gas
@ Partial total.

LOUISIANA NATURAL GAS PRODUCTION, Including Casinghead

DNR LONGTERM MODEL VS ACTUAL DATA

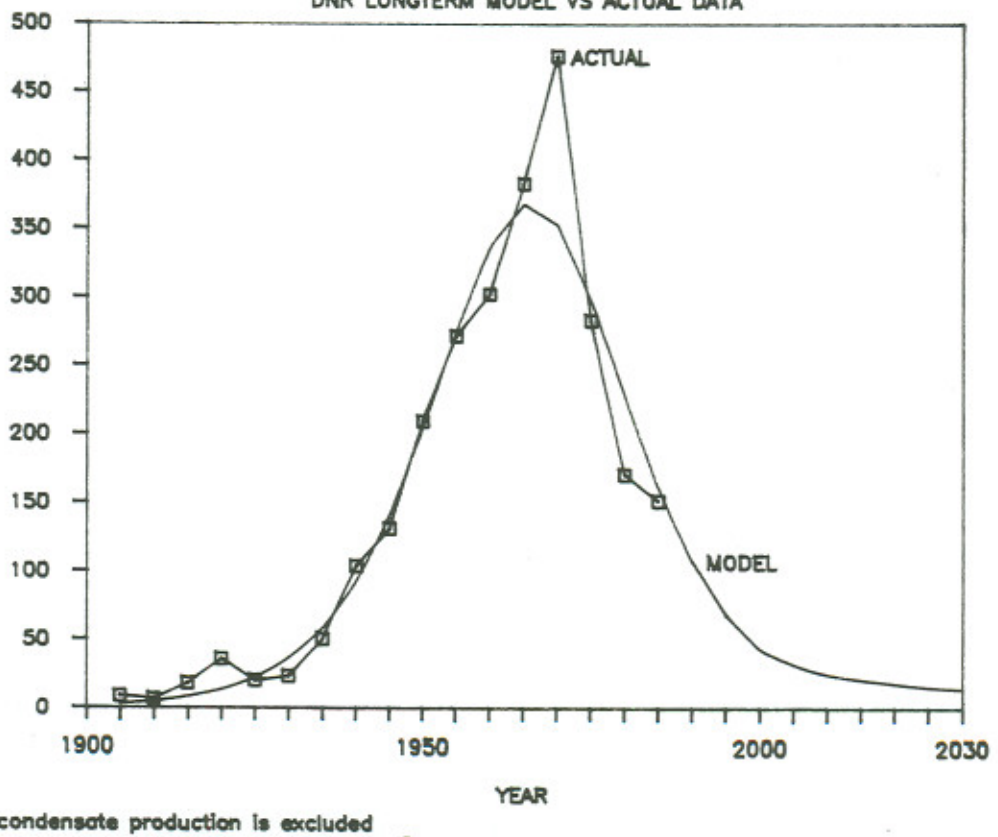
TRILLION CUBIC FEET



LOUISIANA CRUDE OIL PRODUCTION

DNR LONGTERM MODEL VS ACTUAL DATA

MILLION BARRELS



LOUISIANA CRUDE OIL PRODUCTION, Including Condensate
(Thousand Barrels)

DATE	NORTH	SOUTH	O F F S H O R E		TOTAL
			STATE	FEDERAL ⁶ (OCS)	
1980	32,436	151,343	27,602	256,700	468,081
1981	34,964	138,454	26,220	255,900	455,538
1982	35,427	128,507	24,811	275,500	464,245
1983	33,537	121,377	24,704	290,811	470,430
1984	32,706	127,288	27,163	318,057	505,214
January	2,736	10,522	2,135	29,503	44,897
February	2,439	9,646	1,997	27,262	41,344
March	2,709	10,855	2,308	30,636	46,507
April	2,617	10,475	2,280	27,491	42,862
May	2,640	10,781	2,379	30,197	45,997
June	2,473	10,545	2,279	28,951	44,248
July	2,615	10,958	2,323	29,281	45,177
August	2,897	10,304	1,939	25,275	40,415
September	2,537	10,441	2,099	26,694	41,771
October	2,568	10,588	1,954	27,039	42,148
November	2,528	10,221	1,919	25,261	39,930
December	2,652	10,996	2,191	30,233	46,073
1985 Total	31,411	126,332	25,803	337,823	521,369
January	2,707	11,058	2,247	29,077	45,089
February	2,491	10,051	2,002	26,819	41,363
March	2,723	11,030	2,187	29,060	44,999
April	2,533	10,406	2,218	27,772	42,929
May	2,476	10,459	2,349	28,188	43,471
June	2,341	9,715	2,189	26,405	40,650
July	2,209	11,392	2,232	28,612	44,446
August	2,298	10,311	2,315	25,247	40,172
September	2,254	9,835	2,166	26,628	40,883
October	2,311	10,096	2,190	27,534	42,131
November	2,268	9,921	2,023	27,296	41,507
December	2,347	10,235	2,138	27,695	42,416
1986 Total	28,956	124,510	26,257	330,333	510,055
January	2,335	10,365	2,116	27,282	42,098
February	2,186	9,433	1,857	24,608	38,084
March	2,439	11,109	2,102	26,111	41,760
April	2,158	10,535	2,175	25,255	40,123
May	2,274	10,285	2,143	26,213	40,915
June	2,252	9,587	2,166	25,014	39,019
July	2,261	10,274	2,223	25,118	39,876
August	2,185	10,345	2,316	25,420	40,266
September	2,189	9,873	2,158	N/A	N/A
October	2,259	10,182	2,252	N/A	N/A
November	2,169	9,920	2,183	N/A	N/A
December	2,237	10,245	2,263	N/A	N/A
1987 Total	26,942	122,152	25,954	205,021 [@]	322,141 [@]

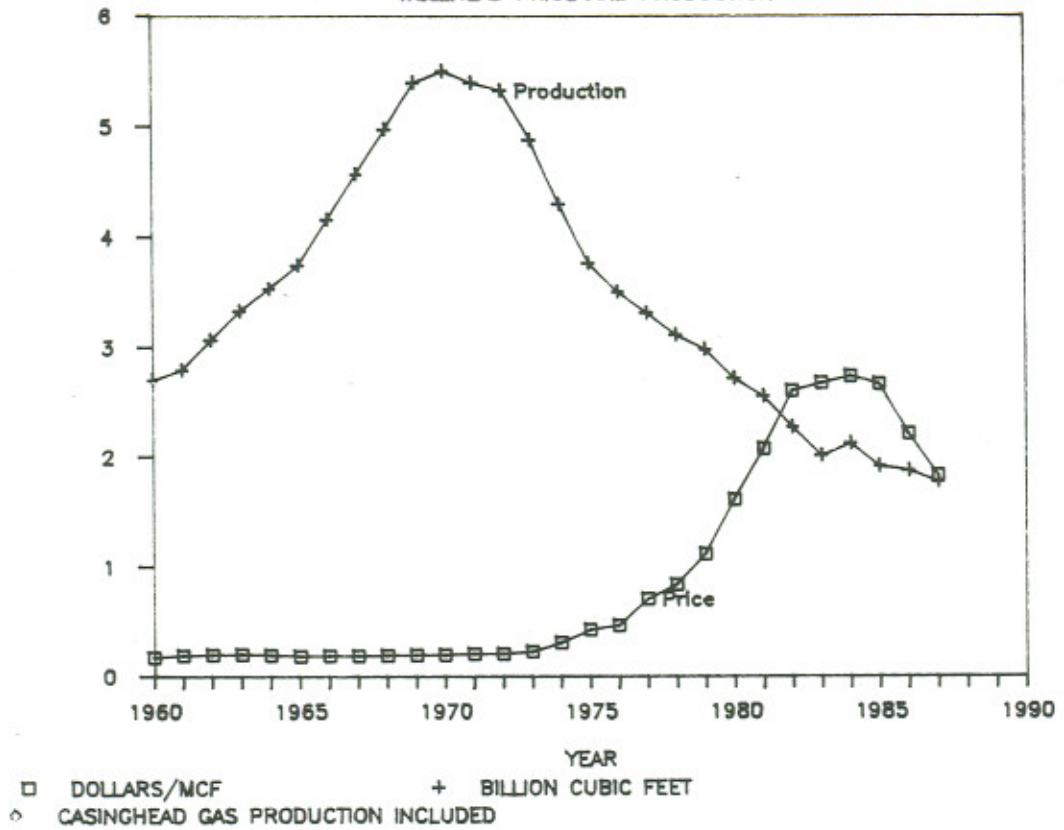
[@] Partial total.

CRUDE OIL PRODUCTION⁶, Including Condensate
(Thousand Barrels)

DATE	OUTER CONTINENTAL SHELF	U.S. TOTAL PRODUCTION	U.S. TOTAL IMPORTS
1980	277,389	3,146,502	1,926,258
1981	286,567	3,128,780	1,604,540
1982	323,180	3,156,885	1,273,120
1983	340,703	3,171,120	1,215,085
1984	380,256	3,249,506	1,253,950
January	32,806	270,926	84,217
February	30,047	252,695	59,015
March	33,674	281,943	86,364
April	30,444	271,299	102,045
May	33,344	283,093	115,637
June	31,908	270,653	95,645
July	32,271	277,410	99,286
August	27,859	272,881	96,547
September	29,442	268,610	94,646
October	29,928	278,068	100,377
November	28,406	267,059	119,957
December	33,189	279,916	114,561
1985 Total	373,318	3,274,553	1,168,297
January	33,207	277,197	103,193
February	30,558	250,328	84,127
March	33,114	277,098	93,012
April	31,888	264,441	111,275
May	33,350	272,950	124,894
June	30,321	263,745	140,245
July	32,220	270,847	144,076
August	31,538	269,952	149,610
September	30,583	260,127	149,507
October	30,420	261,454	133,841
November	30,173	249,630	133,601
December	31,517	258,776	133,221
1986 Total	378,889	3,176,545	1,500,602
January	30,984	262,797	135,950
February	27,978	232,917	109,077
March	29,626	258,826	116,008
April	29,068	252,783	123,442
May	30,245	257,464	129,402
June	29,043	247,893	140,175
July	29,358	255,503	158,413
August	29,790	253,900	165,207
September	N/A	245,712	149,087
October	N/A	257,090	156,104
1987 Total	236,092@	2,524,885@	1,382,865@
	@ Partial total.		

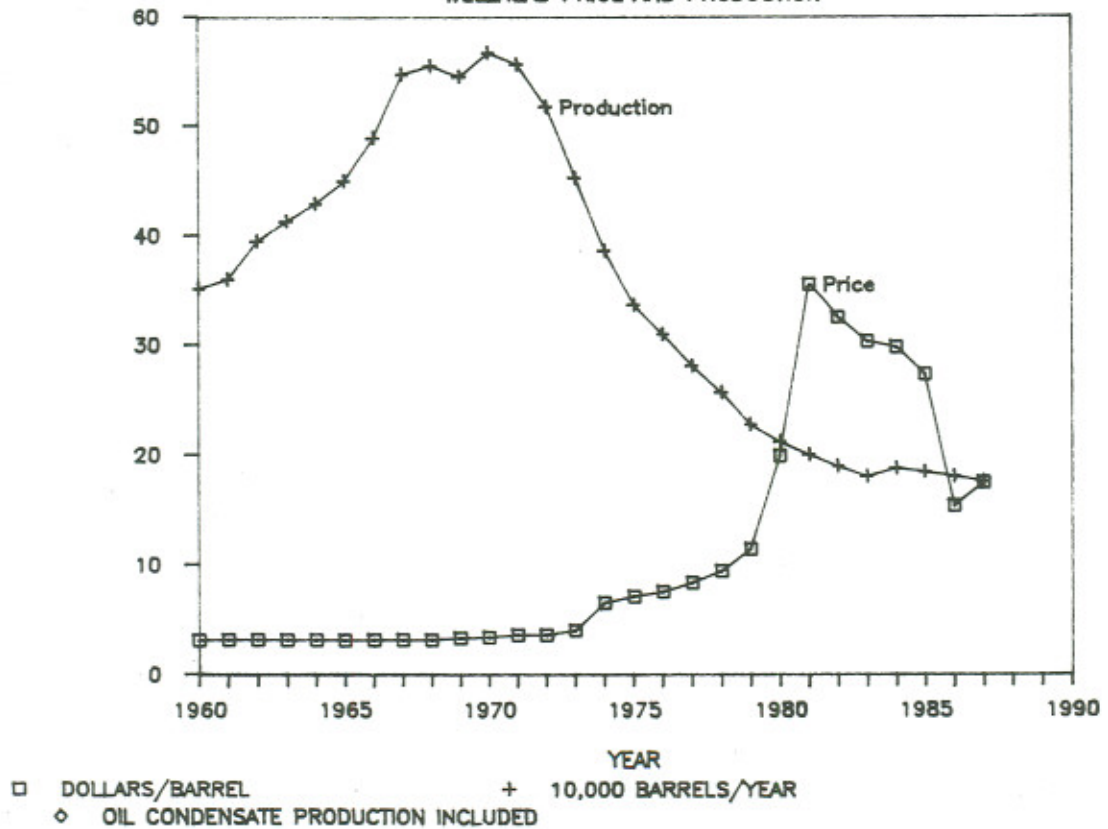
LOUISIANA NATURAL GAS, Excluding OCS

WELLHEAD PRICE AND PRODUCTION



LOUISIANA CRUDE OIL, Excluding OCS

WELLHEAD PRICE AND PRODUCTION



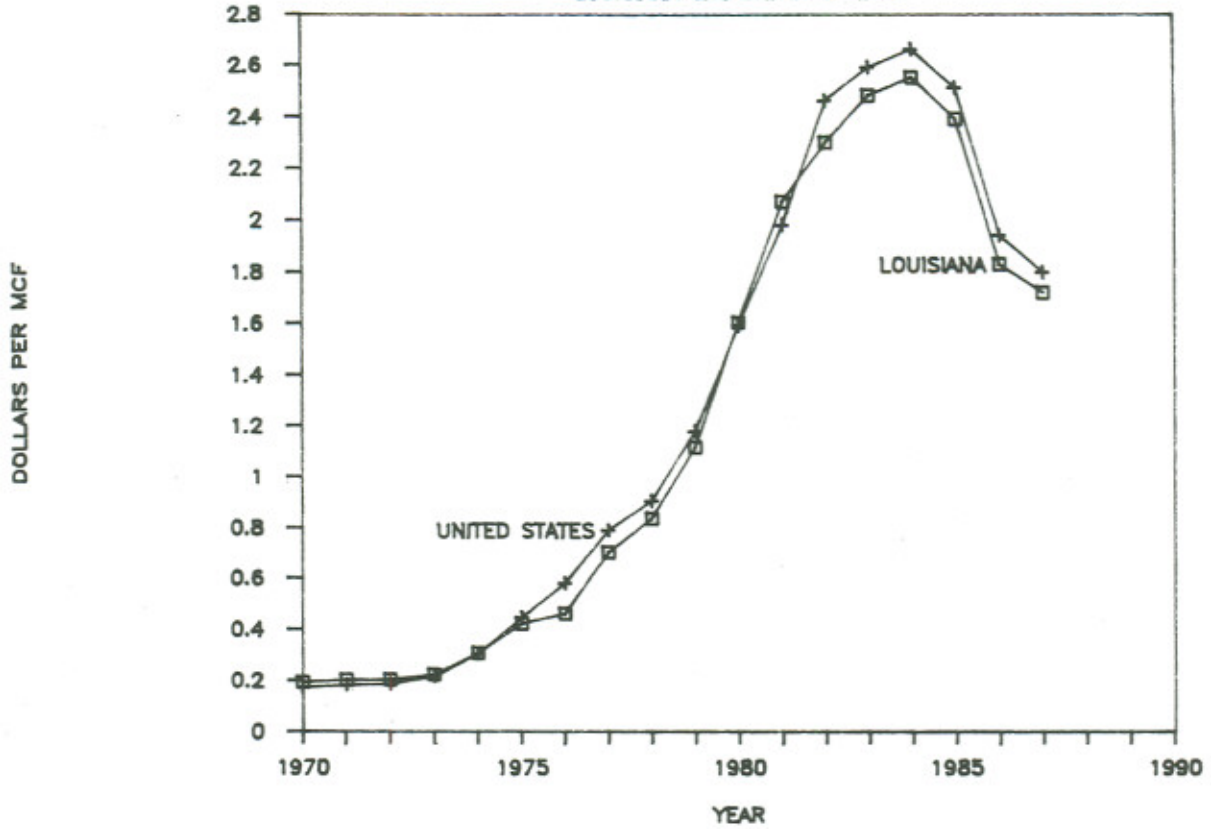
AVERAGE CRUDE OIL PRICES

DATE	SOUTH LOUISIANA SWEET			UNITED STATES ⁵		
	SPOT MARKET ⁹		REFINERY	WELLHEAD	IMPORTS	REFINERY
	St James	WELLHEAD	POSTED		(FOB)	COST
1980	N/A	19.87	23.32	21.59	33.95	28.07
1981	N/A	35.45	33.33	31.77	36.52	35.24
1982	N/A	32.44	32.82	28.52	33.18	31.87
1983	N/A	30.02	30.52	26.19	28.93	28.99
1984	29.90	29.67	30.06	25.88	27.41	28.63
January	26.85	27.20	27.97	24.26	26.34	27.02
February	27.25	26.47	27.49	23.64	26.23	26.49
March	28.90	26.75	27.60	23.89	26.50	26.76
April	28.10	27.15	27.86	24.19	26.75	27.03
May	28.25	27.37	27.98	24.18	26.38	27.12
June	27.35	27.26	27.91	24.07	25.71	26.76
July	27.80	27.22	27.87	24.04	25.43	26.59
August	28.65	27.20	27.83	23.99	25.51	26.50
September	29.75	27.28	27.83	23.96	25.56	26.45
October	31.00	27.38	27.96	24.10	25.74	26.66
November	31.39	27.52	28.17	24.27	25.81	26.86
December	26.85	27.80	28.25	24.51	24.12	26.72
1985 Avg.	28.51	27.22	27.89	24.09	25.84	26.75
January	23.43	26.77	27.73	23.38	21.45	25.64
February	15.72	20.10	22.75	17.84	15.17	19.81
March	13.15	15.26	15.99	12.78	12.56	14.87
April	13.31	13.36	14.04	10.83	11.58	13.08
May	15.50	13.60	13.88	10.90	10.94	13.05
June	13.80	13.75	14.32	10.84	10.82	12.82
July	11.58	12.22	13.04	9.39	9.72	11.51
August	15.06	12.63	13.19	9.92	10.56	11.92
September	15.12	13.93	14.47	11.20	11.78	13.11
October	14.77	13.76	14.43	11.10	11.98	13.05
November	15.16	13.74	14.43	11.15	12.62	13.30
December	16.63	14.35	15.01	11.83	13.84	13.85
1986 Avg.	15.27	15.29	16.11	12.60	12.75	14.67
January	19.24	16.67	17.09	13.89	15.30	16.17
February	18.27	17.18	17.67	14.50	15.98	16.82
March	18.78	17.09	17.61	14.53	16.31	17.03
April	19.07	17.26	17.81	14.95	16.79	17.43
May	19.74	17.87	18.46	15.29	17.19	17.84
June	20.20	18.46	19.29	15.95	17.52	18.47
July	21.26	19.37	20.02	16.88	17.92	19.14
August	20.24	19.51	19.82	17.06	17.76	19.36
September	19.52	18.43	19.28	16.29	17.10	18.57
October	19.40	N/A	N/A	N/A	N/A	N/A
November	19.30	N/A	N/A	N/A	N/A	N/A
December	17.41	N/A	N/A	N/A	N/A	N/A
1987 Avg.	19.37	17.98@	18.56@	15.48@	16.87@	17.87@

@ Partial figure.

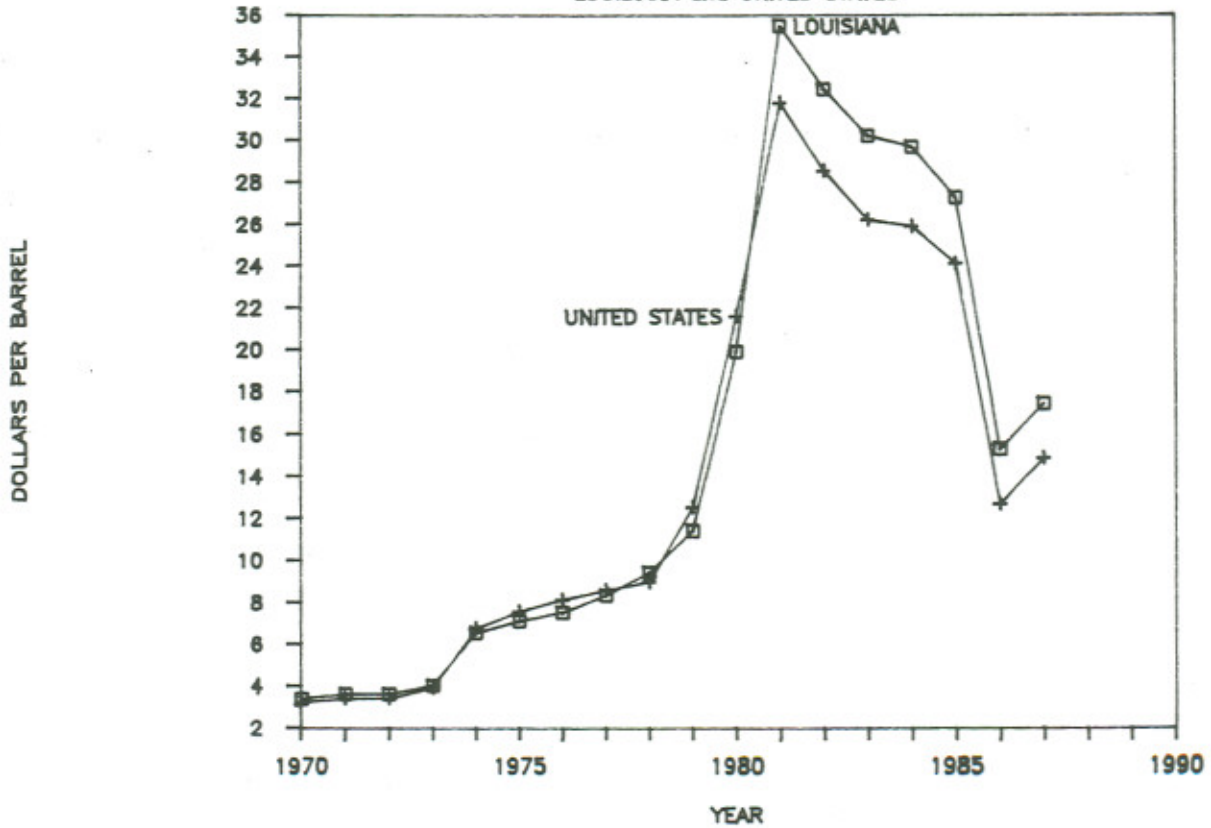
AVERAGE NATURAL GAS WELLHEAD PRICES

LOUISIANA and UNITED STATES



AVERAGE CRUDE OIL WELLHEAD PRICES

LOUISIANA and UNITED STATES



AVERAGE NATURAL GAS PRICES

DATE	LOUISIANA		UNITED STATES ³			
	SPOT ⁴ MARKET	STATE-OWNED WELLHEAD (ROYALTY)	WELLHEAD	IMPORTS	DOMESTIC PIPELINE PURCHASE	END-USE CONSUMER
1980	N/A	1.60	1.59	4.42	1.63	2.91
1981	N/A	2.07	1.98	4.84	2.15	3.51
1982	N/A	2.30	2.46	4.94	2.72	4.32
1983	N/A	2.48	2.59	4.51	2.93	4.82
1984	N/A	2.55	2.66	4.08	2.91	4.85
January	2.85	3.80	2.64	3.21	2.89	5.09
February	2.85	2.49	2.71	3.08	2.87	5.12
March	2.85	2.06	2.62	3.29	2.90	5.02
April	2.73	2.73	2.64	3.39	2.86	4.84
May	2.68	2.28	2.53	3.32	2.89	4.58
June	2.65	2.32	2.58	3.40	3.00	4.43
July	2.51	2.40	2.51	3.41	2.82	4.35
August	2.35	2.33	2.47	3.28	2.69	4.30
September	2.28	2.08	2.42	3.28	2.76	4.32
October	2.18	1.95	2.37	3.16	2.68	4.37
November	2.11	2.16	2.36	2.88	2.62	4.57
December	2.14	2.12	2.28	2.79	2.67	4.68
1985 Avg.	2.51	2.39	2.51	3.21	2.80	4.64
January	2.14	2.11	2.28	2.81	2.64	4.78
February	2.13	2.09	2.26	2.79	2.60	4.70
March	2.06	1.90	2.16	3.05	2.48	4.53
April	1.88	2.03	2.10	3.14	2.37	4.23
May	1.66	1.89	1.96	2.75	2.47	3.87
June	1.49	1.74	1.85	2.56	2.48	3.59
July	1.54	1.62	1.80	2.78	2.40	3.36
August	1.54	1.76	1.77	2.22	2.59	3.33
September	1.49	1.65	1.78	2.26	2.06	3.47
October	1.44	1.48	1.73	2.22	2.27	3.65
November	1.48	1.67	1.77	1.84	2.10	3.93
December	1.48	1.96	1.76	1.99	2.16	4.14
1986 Avg.	1.69	1.83	1.94	2.53	2.39	3.97
January	1.55	1.65	1.83	1.90	2.16	4.21
February	1.59	1.73	1.83	2.21	2.11	4.31
March	1.55	1.80	1.82	2.30	2.08	4.16
April	1.51	1.81	1.82	2.25	2.11	3.96
May	1.48	1.64	1.76	2.22	2.20	3.58
June	1.44	1.69	1.75	2.26	2.19	3.35
July	1.40	1.53	1.74	2.73	2.22	3.33
August	1.36	1.55	1.71	2.17	1.71	3.16
September	1.36	1.29	N/A	2.17	2.29	N/A
October	1.40	1.56	N/A	N/A	N/A	N/A
November	1.50	1.46	N/A	N/A	N/A	N/A
December	1.75	1.72	N/A	N/A	N/A	N/A
1987 Avg.	1.49	1.61	1.78@	2.25@	2.12@	3.76@

@ Partial figure.

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

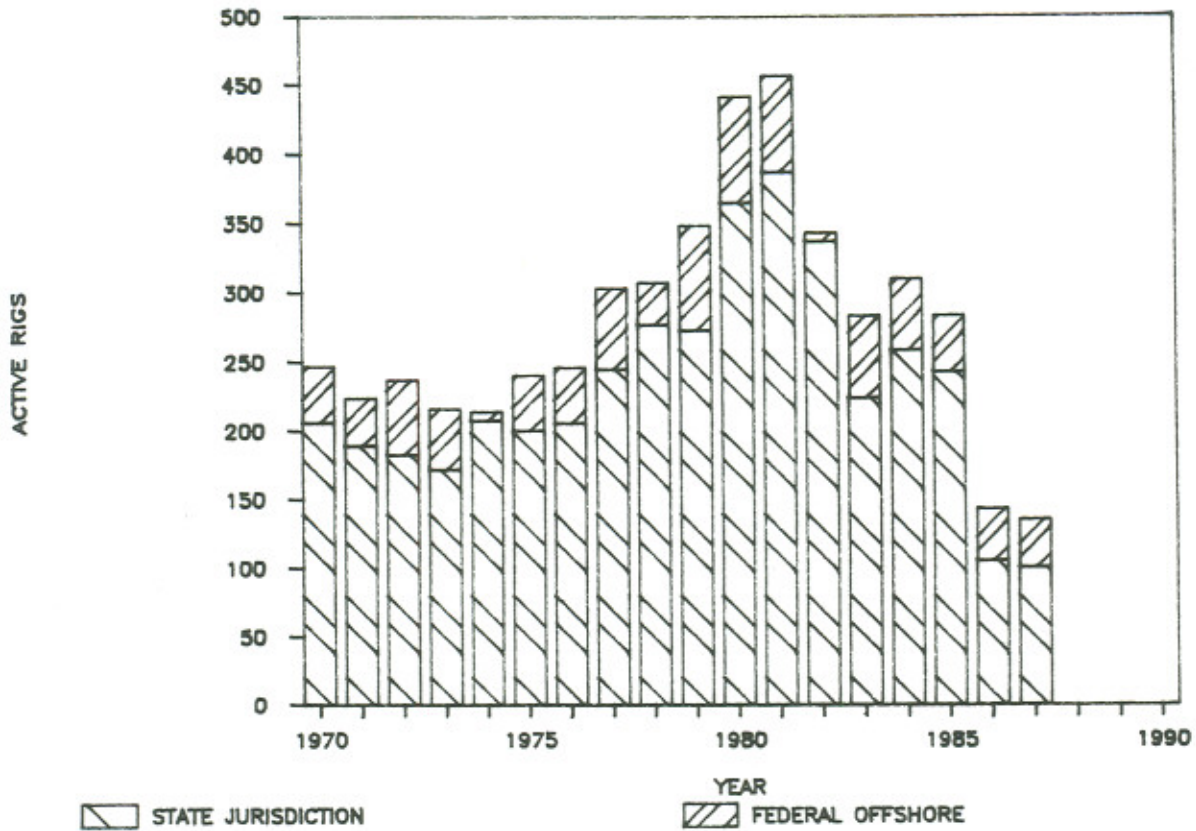
DATE	WILDCAT	DEVELOPMENTAL	TOTAL	OFFSHORE
1980	893	5,344	6,237	N/A
1981	1,086	5,174	6,260	N/A
1982	727	4,454	5,181	N/A
1983	642	4,848	5,490	201
1984	702	6,929	7,631	231
January	44	438	482	16
February	35	268	303	10
March	37	451	488	9
April	56	341	397	8
May	47	307	354	11
June	51	456	507	12
July	68	551	619	14
August	76	464	540	16
September	56	434	490	17
October	55	443	498	22
November	34	264	298	16
December	40	394	434	14
1985 Total	599	4,811	5,410	165
January	26	287	313	16
February	23	261	284	2
March	27	215	242	7
April	20	148	168	5
May	23	106	129	5
June	21	91	112	5
July	22	127	149	3
August	30	150	180	21
September	20	125	145	2
October	28	174	202	9
November	22	124	146	3
December	36	176	212	6
1986 Total	298	1,984	2,282	84
January	19	104	123	6
February	11	102	113	14
March	19	163	182	3
April	25	151	176	6
May	16	168	184	4
June	20	238	258	6
July	32	208	240	5
August	21	237	258	4
September	28	193	221	5
October	26	197	223	5
November	33	172	205	12
December	34	215	249	3
1987 Total	284	2,148	2,432	73

LOUISIANA AVERAGE RIGS RUNNING⁴ (Baker-Hughes)

DATE	NORTH	SOUTH		OFFSHORE		TOTAL
		-----	-----	-----	-----	
		INLAND WATERS	LAND	STATE	FEDERAL O C S	
1980	55	-	180*	-	206*	441
1981	58	-	244*	-	154*	456
1982	40	-	168*	-	137*	344
1983	29	49	79	66	59	283
1984	30	51	96	79	54	310
January	40	53	108	94	56	350
February	32	49	98	75	66	320
March	26	41	93	82	50	292
April	23	42	85	69	64	284
May	25	43	85	58	70	281
June	26	46	78	62	65	277
July	23	45	79	104	15	265
August	29	41	83	80	47	279
September	25	37	78	79	43	262
October	13	38	74	74	50	249
November	14	42	78	75	49	257
December	21	46	88	73	55	282
1985 Avg.	25	43	86	78	51	283
January	21	39	75	49	69	252
February	18	32	67	78	34	228
March	11	23	51	45	47	177
April	8	15	45	40	35	143
May	6	17	37	32	25	118
June	6	16	36	12	35	105
July	8	16	36	27	18	105
August	15	14	27	27	23	106
September	13	17	31	29	28	118
October	12	20	37	5	54	127
November	12	16	29	17	42	115
December	9	20	35	16	45	125
1986 Avg.	11	20	42	31	38	143
January	12	22	38	9	49	129
February	12	19	33	19	30	112
March	11	16	30	36	12	105
April	11	18	30	32	13	102
May	6	17	30	17	34	104
June	7	21	24	32	24	108
July	11	28	41	21	42	142
August	13	22	35	42	36	148
September	15	22	43	39	43	163
October	14	26	42	18	59	158
November	14	32	38	22	60	166
December	12	35	47	23	68	184
1987 Avg.	11	23	36	26	39	135

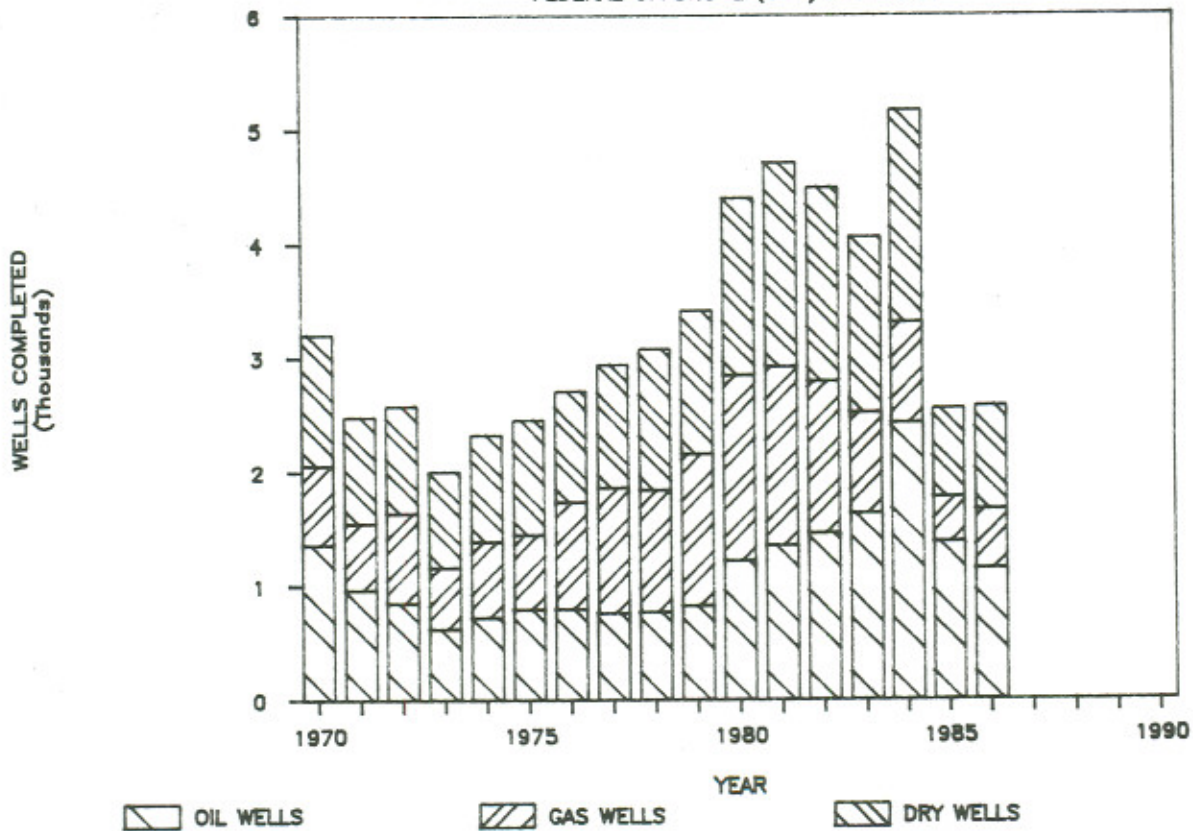
* The figure is the sum of the adjacent ones.

LOUISIANA AVERAGE ACTIVE RIGS



WELL COMPLETIONS BY TYPE

FEDERAL OFFSHORE (OCS) EXCLUDED



LOUISIANA WELL COMPLETIONS, BY TYPE
FOR AREAS UNDER STATE JURISDICTION

DATE	OIL	GAS	DRY	TOTAL
1980	1,218	1,623	1,555	4,396
1981	1,351	1,564	1,788	4,703
1982	1,453	1,331	1,702	4,486
1983	1,627	884	1,542	4,053
January	160	117	155	432
February	178	64	119	361
March	171	50	117	338
April	249	64	151	464
May	209	79	140	428
June	214	49	167	430
July	297	61	215	573
August	204	76	154	434
September	269	85	221	575
October	150	89	125	364
November	141	74	120	335
December	178	71	177	426
1984 Total	2,420	879	1,861	5,160
January	233	75	104	412
February	105	47	116	268
March	316	69	146	531
April	327	46	148	521
May	268	87	146	501
June	129	69	112	310
July	172	115	139	426
August	178	105	169	452
September	228	63	116	407
October	199	146	167	512
November	102	66	108	276
December	183	58	111	352
1985 Total	2,440	946	1,582	4,968
January	109	48	120	277
February	186	74	98	358
March	131	44	101	276
April	225	63	62	350
May	167	54	67	288
June	61	50	70	181
July	61	32	59	152
August	48	35	74	157
September	42	35	67	144
October	48	32	79	159
November	45	36	60	141
December	20	15	46	81
1986 Total	1,143	518	903	2,564

1987 Data is not available

LOUISIANA PRODUCING OIL WELLS, EXCLUDING OCS

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	14,495	6,795	1,064	22,354
1981	15,514	6,644	1,128	23,286
1982	15,350	6,476	1,061	22,887
1983	16,406	6,255	1,033	23,694
January	16,499	6,260	1,025	23,784
February	16,880	6,019	1,243	24,142
March	17,085	6,381	980	24,446
April	17,161	6,366	1,026	24,553
May	17,143	6,428	1,051	24,622
June	17,630	6,357	1,036	25,023
July	17,639	6,281	1,031	24,951
August	17,894	6,274	1,035	25,203
September	18,090	6,335	1,037	25,462
October	17,893	6,338	1,023	25,254
November	18,314	6,266	1,007	25,587
December	18,299	6,292	967	25,558
1984 Avg.	17,544	6,300	1,038	24,882
January	18,094	6,214	1,036	25,344
February	18,471	6,173	999	25,643
March	18,702	6,299	1,028	26,029
April	18,515	6,257	1,051	25,823
May	18,938	6,255	1,051	26,244
June	18,879	6,290	1,042	26,211
July	19,053	6,321	1,021	26,395
August	18,941	5,985	993	25,919
September	19,185	6,228	985	26,398
October	19,031	6,218	971	26,220
November	18,624	6,193	975	25,792
December	19,093	6,242	1,019	26,354
1985 Avg.	18,794	6,223	1,014	26,031
January	19,611	6,250	1,011	26,872
February	19,828	6,216	1,025	27,069
March	19,803	6,272	1,012	27,087
April	19,550	6,270	1,008	26,828
May	19,731	6,166	991	26,888
June	19,222	5,975	982	26,179
July	18,916	6,025	1,000	25,941
August	19,075	5,968	1,014	26,057
September	19,301	5,972	1,013	26,286
October	18,987	5,996	1,010	25,993
1986 Avg.	19,402	6,111	1,007	26,520

1987 Data is not available

LOUISIANA PRODUCING GAS WELLS, EXCLUDING OCS

DATE	NORTH	SOUTH	OFFSHORE	TOTAL
1980	9,089	3,304	545	12,938
1981	9,898	3,123	564	13,585
1982	10,350	3,169	571	14,090
1983	10,638	3,021	550	14,209
January	10,694	3,002	563	14,259
February	10,780	2,935	402	14,117
March	10,737	3,021	496	14,254
April	10,694	2,952	529	14,175
May	10,723	2,966	548	14,237
June	10,818	2,961	548	14,327
July	10,786	2,945	549	14,280
August	10,873	2,939	551	14,363
September	10,879	2,917	533	14,329
October	10,932	2,990	556	14,478
November	10,891	2,893	557	14,341
December	10,931	2,941	556	14,428
1984 Avg.	10,812	2,955	532	14,299
January	11,022	2,941	556	14,519
February	10,747	2,915	549	14,211
March	11,059	2,931	520	14,510
April	11,028	2,909	499	14,436
May	11,059	2,915	508	11,567
June	11,071	2,918	507	14,496
July	11,034	2,933	530	14,497
August	10,661	2,859	483	14,003
September	11,190	2,846	491	14,527
October	11,149	2,835	488	14,472
November	11,108	2,815	500	14,423
December	11,183	2,831	501	14,515
1985 Avg.	11,026	2,887	511	14,181
January	11,434	2,819	506	14,759
February	11,195	2,883	509	14,587
March	11,258	2,747	509	14,514
April	11,021	2,743	503	14,267
May	11,075	2,638	479	14,192
June	11,159	2,797	400	14,356
July	10,861	2,649	388	13,898
August	11,058	2,705	384	14,147
September	10,973	2,696	392	14,061
October	10,807	2,675	394	13,876
1986 Avg.	11,084	2,735	446	14,266

1987 Data is not available

LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES,⁸
 EXCLUDING LEASE CONDENSATE
 (Million Barrels)

YEAR	NORTH	SOUTH	OFFSHORE		TOTAL STATE
			STATE	FEDERAL	
1979	216	682	-	1,882	2,780
1980	248	682	-	1,821	2,751
1981	317	642	-	2,026	2,985
1982	240	611	-	1,677	2,528
1983	223	569	-	1,915	2,707
1984	165	585	-	1,911	2,661
1985	196	565	122	1,759	2,642
1986	160	547	119	1,640	2,466

NOTE: Federal Offshore and State Offshore figures were combined, prior to 1985.

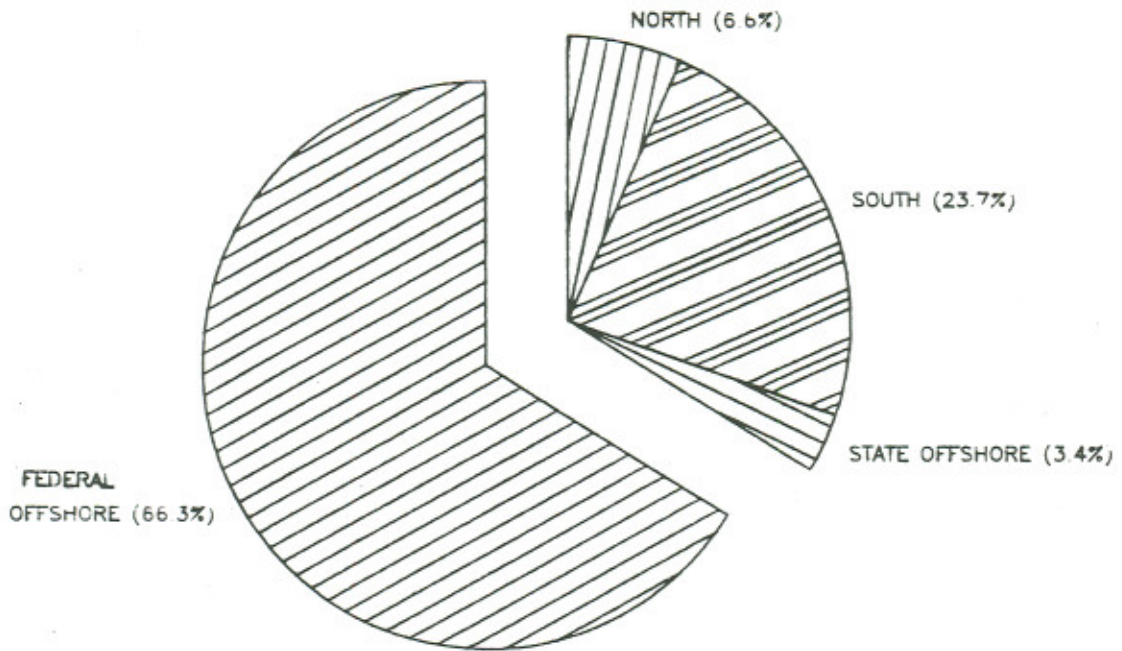
LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES⁸
 (Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)

YEAR	NORTH	SOUTH	OFFSHORE		TOTAL STATE
			STATE	FEDERAL	
1979	2,798	13,994	-	33,250	50,042
1980	3,076	13,026	-	31,223	47,325
1981	3,270	12,645	-	31,462	47,377
1982	2,919	11,801	-	30,203*	44,923
1983	2,939	11,142	-	28,480*	42,561
1984	2,494	10,331	-	28,574*	41,399
1985	2,587	9,808	1,642	26,113*	40,151
1986	2,515	9,103	1,312	25,454*	38,384

NOTE: Federal Offshore and State Offshore figures were combined, prior to 1985.

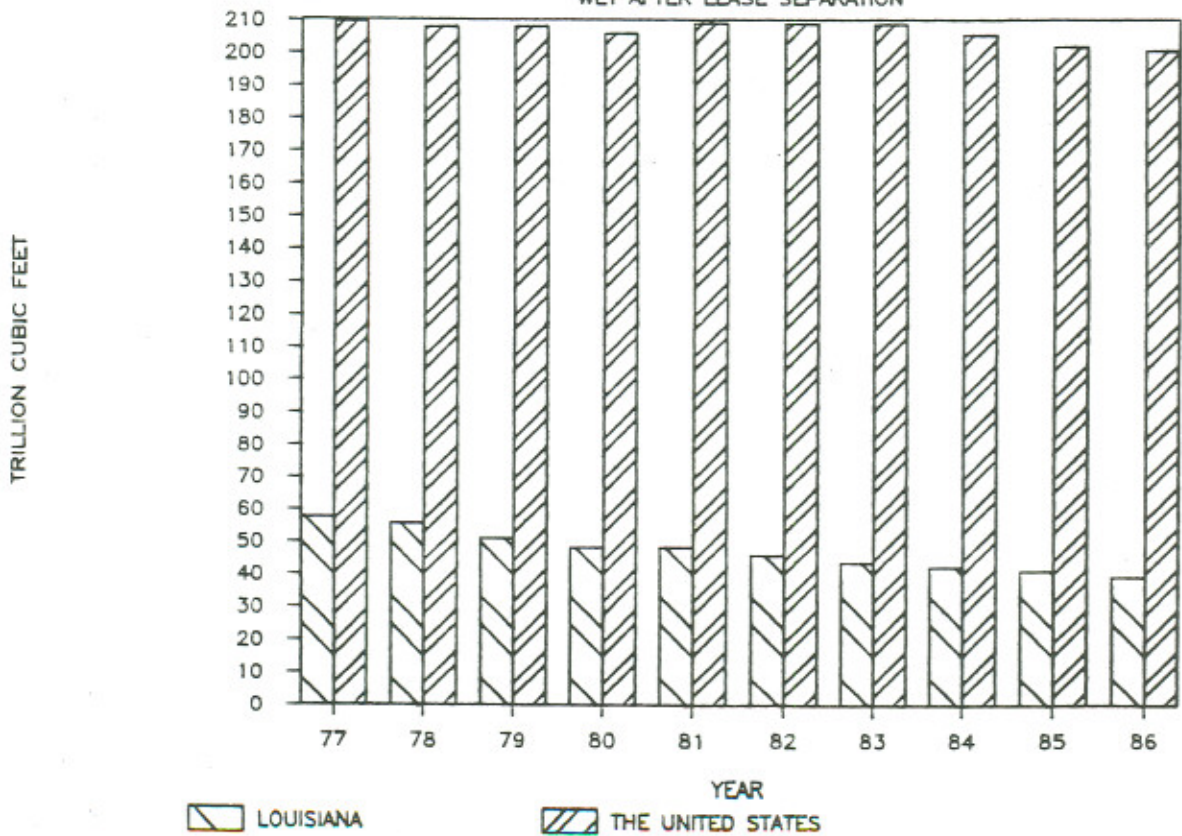
* Alabama State Offshore and Federal Offshore reserves are also included in the offshore figure.

LOUISIANA 1987 NATURAL GAS RESERVES



ESTIMATED NATURAL GAS RESERVES

WET AFTER LEASE SEPARATION



LOUISIANA ESTIMATED LEASE CONDENSATE PROVED RESERVES⁸
(Million Barrels)

YEAR	NORTH	SOUTH	OFFSHORE		TOTAL STATE
			STATE	FEDERAL	
1979	42	263	-	309	614
1980	36	267	-	296	599
1981	36	253	-	280	569
1982	26	243	-	310	579
1983	24	238	-	300	562
1984	19	229	-	269	517
1985	18	220	-	257	495
1986	18	208	11	230	467

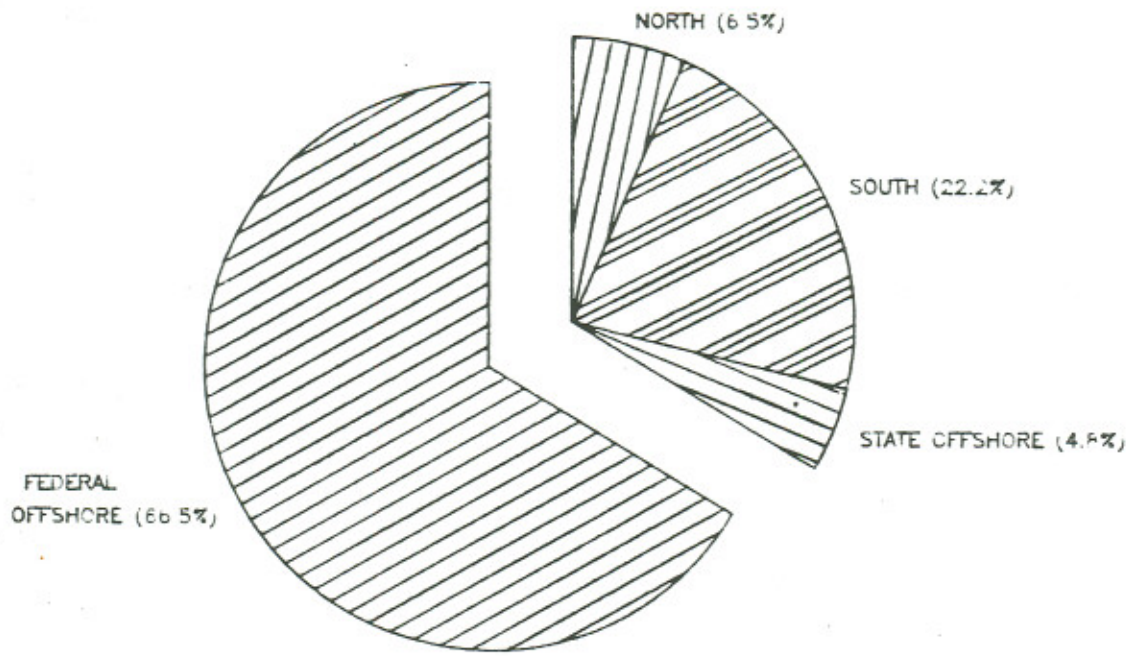
NOTE: Federal Offshore and State Offshore figures were combined, prior to 1986.

LOUISIANA ESTIMATED NATURAL GAS LIQUIDS PROVED RESERVES,⁸
EXCLUDING LEASE CONDENSATE
(Million Barrels)

YEAR	NORTH	SOUTH	OFFSHORE		TOTAL STATE
			STATE	FEDERAL	
1979	63	560	-	373	996
1980	60	409	-	356	825
1981	59	287	-	431	777
1982	73	301	-	374	748
1983	61	263	-	409	733
1984	55	298	-	462	815
1985	39	234	-	420	693
1986	39	220	28	336	623

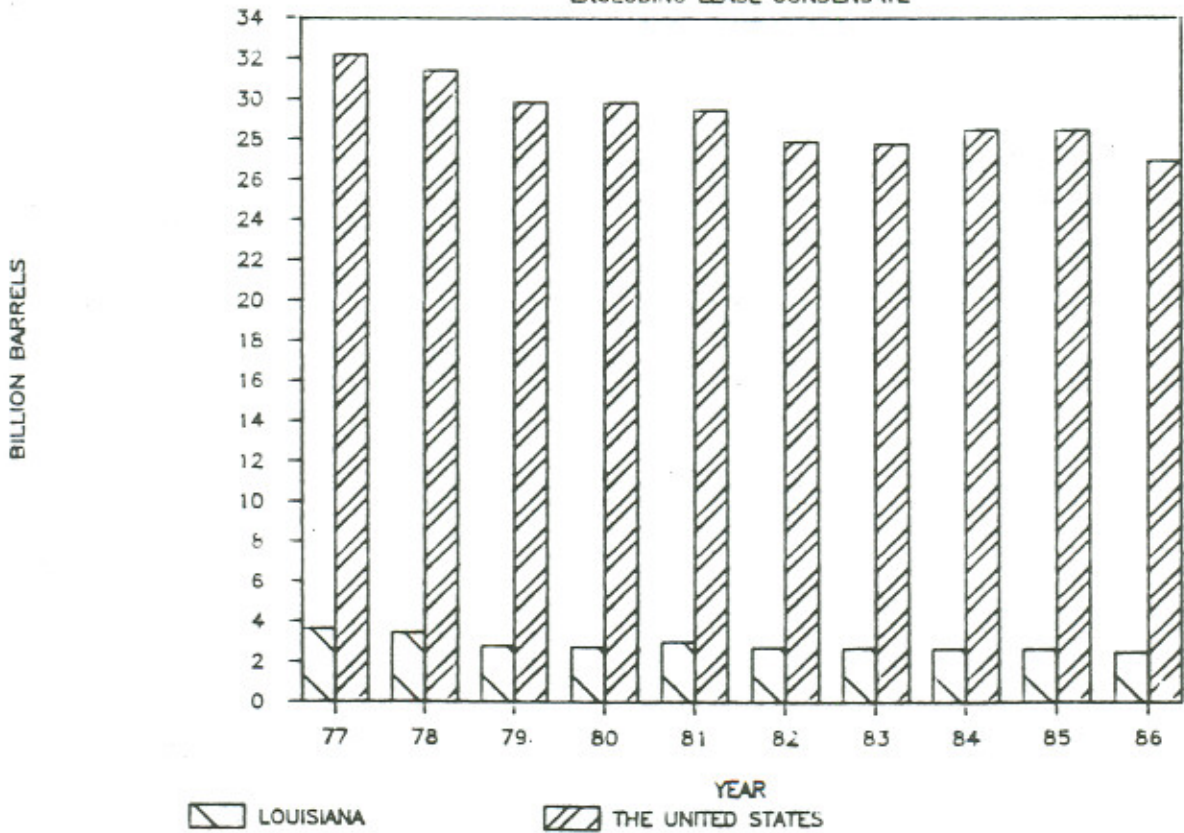
NOTE: Federal Offshore and State Offshore figures were combined, prior to 1986.

LOUISIANA 1987 CRUDE OIL RESERVES



ESTIMATED CRUDE OIL RESERVES

EXCLUDING LEASE CONDENSATE



LOUISIANA NONAGRICULTURAL EMPLOYMENT¹

DATE	OIL & GAS PRODUCTION	OIL REFINING	CHEMICAL INDUSTRY	OIL PIPELINE	TOTAL EMPLOYMENT
1980	83,300	12,100	33,500	1,200	1,599,600
1981	93,500	15,100	32,300	1,200	1,627,796
1982	95,522	14,098	33,862	1,033	1,571,017
1983	78,586	13,005	30,113	1,282	1,531,480
1984	77,865	13,053	29,063	1,247	1,568,064
January	81,154	12,678	28,931	1,157	1,540,998
February	80,285	12,737	28,683	1,159	1,536,168
March	80,018	12,780	28,634	1,147	1,547,116
April	78,639	12,574	28,556	1,134	1,553,003
May	78,718	12,539	28,438	1,134	1,562,811
June	78,622	12,606	28,491	1,164	1,567,209
July	81,154	12,678	28,931	1,157	1,540,998
August	80,285	12,737	28,683	1,159	1,536,168
September	80,018	12,780	28,634	1,147	1,547,116
October	78,639	12,574	28,556	1,134	1,553,003
November	78,718	12,539	28,438	1,134	1,562,811
December	75,379	12,272	27,118	1,113	1,545,799
1985 Avg.	80,830	12,458	28,093	1,144	1,548,533
January	72,465	12,519	26,934	1,189	1,510,899
February	69,972	12,507	26,567	1,190	1,500,210
March	66,980	12,431	26,478	1,190	1,501,835
April	62,074	12,366	26,204	1,191	1,489,676
May	59,426	12,367	26,124	1,182	1,489,085
June	57,623	12,437	26,019	1,183	1,482,146
July	55,101	12,243	25,723	1,183	1,451,384
August	53,762	12,088	25,774	1,173	1,451,413
September	53,038	12,023	25,692	1,161	1,458,143
October	52,275	11,914	25,534	1,153	1,459,494
November	51,892	11,948	25,398	1,156	1,454,335
December	52,044	11,951	25,534	1,063	1,455,190
1986 Avg.	58,888	12,233	25,998	1,168	1,475,318
January	50,986	12,200	25,357	1,060	1,415,770
February	50,494	12,181	25,070	1,051	1,411,980
March	50,453	12,155	25,064	1,043	1,417,884
April	50,306	12,181	25,300	1,041	1,432,171
May	51,006	12,165	25,425	1,050	1,442,647
June	51,866	12,269	25,336	1,063	1,445,633
July*	60,800	11,800	25,200	1,049	1,484,700
August*	60,800	11,800	25,400	1,051	1,483,500
September*	60,600	11,900	25,300	1,054	1,497,400
October*	57,600	11,900	25,300	1,050	1,510,600
November*	57,600	11,900	25,300	1,051	1,511,200
1987 Avg.	54,774	12,041	25,277	1,051	1,459,408

* Preliminary

SEVERANCE AND ROYALTY REVENUES FROM OIL AND GAS
(Million Dollars)

DATE	SEVERANCE TAXES ⁷ *****		ROYALTY *****		ROYALTY & SEVERANCE SUM
	OIL	GAS	OIL	GAS	
1980	428	162	158	132	879
1981	815	164	287	150	1,417
1982	766	148	248	204	1,366
1983	662	132	220	204	1,217
1984	652	131	227	207	1,218
January	52	11	17	16	96
February	55	13	15	15	98
March	48	10	18	16	91
April	45	11	17	14	87
May	52	11	18	14	96
June	49	9	17	14	88
July	53	11	18	12	95
August	46	8	15	12	81
September	56	12	16	13	97
October	47	9	16	13	85
November	43	7	16	13	79
December	53	9	18	14	95
1985 Total	599	121	201	167	1,088
January	50	9	17	14	90
February	47	12	12	13	84
March	54	12	10	13	89
April	32	9	8	12	62
May	28	11	9	11	58
June	23	10	8	11	52
July	23	11	8	11	53
August	25	10	8	10	53
September	22	9	8	10	49
October	23	11	9	9	52
November	26	8	8	10	51
December	36	14	8	12	71
1986 Total	390	125	114	136	765
January	18	10	10	11	49
February	34	11	9	10	64
March	22	10	10	10	52
April	41	11	10	10	72
May	28	9	11	9	57
June	20	6	11	9	46
July	31	9	11	9	61
August	25	9	11	9	54
September	36	8	10	8	63
October	43	11	11	9	73
November	17	7	10	10	43
December	30	10	10	6	56
1987 Total	345	112	124	110	691

DATA SOURCES

- 1-- EMPLOYMENT AND TOTAL WAGES PAID BY EMPLOYERS SUBJECT TO LOUISIANA EMPLOYMENT SECURITY LAW, Baton Rouge, LA: Louisiana Department of Labor Office of Employment Security, Research and Statistics Unit.
- 2-- MONTHLY ENERGY REVIEW and ANNUAL ENERGY REVIEW, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 3-- NATURAL GAS MONTHLY and NATURAL GAS ANNUAL, Washington D.C.: U.S. Department of Energy, Energy Information Administration.
- 4-- 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, Beaumont, TX: Dow Jones and Company.

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

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.

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

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

LEASE CONDENSATE -- A mixture consisting primarily of pentanes 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 -- It is 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, butane and pentanes. Typical nonhydrocarbon 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 nonhydrocarbon 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 repressuring, quantities vented and flared, and nonhydrocarbon 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, condensation, adsorption, 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 nonhydrocarbon 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.

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).