

V. Federal Offshore Oil and Natural Gas Sales Volume and Royalties

Annual crude oil and condensate sales volumes are shown in tables 37 and 38. These two tables also give data on the sales value and royalties received from the sale of these commodities. Table 39 gives totals for crude oil and condensate. Natural gas sales volumes are shown in table 40. Crude oil and condensate sales peaked in 1971 at 418 million barrels (MMbbl) and decreased steadily to 277 MMbbl in 1980. In 1981, sales began rising again and reached a 2-year peak of 389 MMbbl in 1985 and 1986. Sales decreased through the latter half of the 1980's, before rebounding in 1992, reaching 409 MMbbl in 1995. Natural gas sales on the OCS hit an all-time high in 1990 of 5.1 Tcf. In 1995, OCS natural gas sales totaled 4.7 Tcf.

Royalties collected are a function of sales volume and current crude oil and natural gas prices. Therefore, the peak years for sales volume and royalty collections do not coincide. Royalties from the sale of crude oil and condensate peaked in 1984 at \$1.8 billion; this was 86 percent more revenue than in 1971, the peak year of production. Also, natural gas royalties hit a high of \$2.1 billion in 1984. This was 26 percent more revenue than in the peak production year of 1990.

Between 1954 and 1976, royalties from crude oil and condensate provided more than 50 percent of OCS production royalties. In 1977, natural gas royalties exceeded crude oil and condensate royalties for the first time. In 1995, natural gas royalties totaled \$1.2 billion, accounting for 55 percent of OCS production royalties. Since 1954, natural gas production generated over \$28 billion in royalties, which amounts to about 55 percent of the total.

Tables 42 through 62 show offshore oil, natural gas, and sulphur sales volumes and royalty statistics for Federal leases adjacent to Alabama, California, Louisiana, Mississippi, and Texas. Submerged lands offshore Louisiana produce the most oil and natural gas of any Federal OCS area. Therefore, production highs and lows for offshore Louisiana closely follow total Federal OCS production. In 1995, Louisiana, Alabama, and California were the only OCS producers of sulphur. The only directly mined deposits of sulphur are offshore Louisiana. Alabama and California sulphur production is a byproduct of crude oil and natural gas production.

Royalty rates for OCS resources range between 12.5 and 16.7 percent of sales value, with most leases at 16.7 percent. One exception involves net profit share leases (NPSL) introduced in the early 1980's. Under NPSL lease terms payers must report the sales volume and sales value from a lease but do not owe a profit share payment until aggregate lease revenues exceed costs. In 1995, payers reported about 1.4 percent of oil and 1.5 percent of natural gas sales volume from NPSL's on which profit share payments were not due. Although the percentage profit share ranges up to 50 percent for existing leases, no NPSL's reached a profitable status until 1988, and only a few profitable leases existed in 1995. Most OCS resources remain subject to customary royalty rates.

In 1995, royalties as a percentage of sales value were 15.7 percent for natural gas and 15.1 percent for oil. Since 1953, the averages for natural gas and oil royalties as a percentage of sales value are 16.3 and 16.1 percent respectively.

Table 37. Crude Oil Sales Volume, Sales Value, and Royalties Received from Federal Offshore Leases, pre–1954–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre–1954	940,634	2,770,866	584,088
1954	2,723,173	8,028,326	1,681,702
1955	5,871,853	17,318,314	3,539,946
1956	10,136,355	29,764,624	6,019,747
1957	15,373,071	51,166,849	9,793,597
1958	23,709,108	77,266,710	14,482,598
1959	34,177,529	108,197,518	20,331,723
1960	47,359,144	139,113,972	27,843,125
1961	61,265,770	192,144,960	35,462,210
1962	84,931,909	264,052,899	48,707,457
1963	98,331,298	313,797,445	55,618,246
1964	114,977,253	352,677,995	64,360,892
1965	136,236,062	417,141,510	75,419,562
1966	175,187,390	537,917,792	96,028,102
1967	205,860,535	633,989,826	112,770,550
1968	252,016,345	780,113,838	138,248,305
1969	295,429,477	958,388,119	167,701,123
1970	337,122,885	1,112,183,855	193,102,272
1971	390,180,091	1,378,656,056	235,780,785
1972	378,497,189	1,331,063,800	227,096,426
1973	360,888,784	1,480,012,269	248,255,928
1974	332,354,155	2,196,822,331	361,566,306
1975	303,159,121	2,207,663,216	363,462,463
1976	294,483,025	2,335,775,088	380,224,980
1977	276,983,936	2,434,108,445	400,363,388
1978	270,421,174	2,627,929,612	429,615,710
1979	262,275,483	2,873,567,427	468,727,986
1980	258,809,111	4,783,536,710	778,757,011
1981	263,117,614	8,844,132,476	1,440,447,962
1982	283,845,607	8,928,559,167	1,536,145,116
1983	311,897,837	9,161,386,009	1,468,642,532
1984	330,081,395	9,623,439,863	1,630,494,906
1985	351,291,399	9,585,170,180	1,541,512,557
1986	350,611,608	5,765,016,676	910,801,628
1987	325,323,990	5,629,094,453	888,099,155
1988	279,168,943	4,162,079,652	648,388,269
1989	260,180,825	4,448,633,477	693,991,544
1990	273,744,957	5,850,392,530	909,534,651
1991	263,272,578	5,225,977,492	822,585,098
1992	301,811,829	5,328,198,399	810,471,642
1993	307,243,768	4,924,463,471	738,220,285
1994	318,832,784	4,408,718,496	678,137,675
1995	<u>356,764,357</u>	<u>5,445,824,089</u>	<u>820,562,002</u>
Total	9,606,891,351	126,976,256,802	20,503,581,250

Table 38. Condensate Sales Volume, Sales Value, and Royalties Received from Federal Offshore Leases, pre-1954-95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	210,063	719,664	135,453
1954	619,057	1,947,804	361,496
1955	833,631	2,624,334	483,418
1956	878,177	2,738,187	505,938
1957	697,116	2,397,306	432,270
1958	1,059,929	3,470,484	627,780
1959	1,519,992	4,871,845	889,736
1960	2,306,845	7,320,399	1,328,526
1961	3,064,308	9,527,903	1,788,043
1962	4,804,673	14,874,907	2,799,353
1963	6,247,942	19,168,310	3,618,838
1964	7,522,873	22,941,499	4,286,902
1965	8,732,553	26,664,321	4,988,612
1966	13,526,680	41,750,232	7,679,495
1967	16,001,079	48,190,009	8,627,708
1968	16,979,545	55,166,230	9,789,356
1969	17,430,510	60,742,729	10,590,402
1970	23,523,283	81,407,670	13,974,190
1971	28,368,855	103,024,860	17,448,239
1972	33,388,704	122,901,971	20,593,075
1973	33,841,215	140,719,956	23,234,913
1974	28,239,910	201,954,417	32,798,697
1975	27,078,331	221,185,285	36,064,743
1976	22,437,084	197,634,617	32,077,708
1977	26,964,304	249,472,545	40,783,625
1978	21,843,868	226,416,780	37,012,093
1979	23,290,055	254,025,614	40,592,290
1980	18,579,864	359,575,076	58,480,375
1981	26,647,791	843,634,441	134,868,547
1982	37,365,850	1,224,612,621	204,142,922
1983	36,433,406	1,106,012,804	170,878,978
1984	40,157,619	1,205,552,892	192,952,938
1985	38,032,886	1,036,510,708	165,672,342
1986	38,604,396	664,049,929	104,236,075
1987	40,817,719	715,958,985	111,174,336
1988	41,498,481	652,825,286	99,066,090
1989	44,986,830	806,924,323	124,599,951
1990	50,678,224	1,130,145,158	181,418,661
1991	52,420,673	1,092,395,207	173,980,987
1992	51,914,551	991,468,676	157,581,060
1993	55,431,998	949,947,262	146,785,388
1994	50,641,523	793,384,973	121,100,820
1995	<u>52,110,649</u>	<u>851,913,173</u>	<u>127,070,250</u>
Total	1,047,733,042	16,548,771,392	2,627,522,619

Table 39. Crude Oil and Condensate Sales Volume, Sales Value, and Royalties Received from Federal Offshore Leases, pre-1954-95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	1,150,697	3,490,530	719,541
1954	3,342,230	9,976,130	2,043,198
1955	6,705,484	19,942,648	4,023,364
1956	11,014,532	32,502,811	6,525,685
1957	16,070,187	53,564,155	10,225,867
1958	24,769,037	80,737,194	15,110,378
1959	35,697,521	113,069,363	21,221,459
1960	49,665,989	146,434,371	29,171,651
1961	64,330,078	201,672,863	37,250,253
1962	89,736,582	278,927,806	51,506,810
1963	104,579,240	332,965,755	59,237,084
1964	122,500,126	375,619,494	68,647,794
1965	144,968,615	443,805,831	80,408,174
1966	188,714,070	579,668,024	103,707,597
1967	221,861,614	682,179,835	121,398,258
1968	268,995,890	835,280,068	148,037,661
1969	312,859,987	1,019,130,848	178,291,525
1970	360,646,168	1,193,591,525	207,076,462
1971	418,548,946	1,481,680,916	253,229,024
1972	411,885,893	1,453,965,771	247,689,501
1973	394,729,999	1,620,732,225	271,490,841
1974	360,594,065	2,398,776,748	394,365,003
1975	330,237,452	2,428,848,501	399,527,206
1976	316,920,109	2,533,409,705	412,302,688
1977	303,948,240	2,683,580,990	441,147,013
1978	292,265,042	2,854,346,392	466,627,803
1979	285,565,538	3,127,593,041	509,320,276
1980	277,388,975	5,143,111,786	837,237,386
1981	289,765,405	9,687,766,917	1,575,316,509
1982	321,211,457	10,153,171,788	1,740,288,038
1983	348,331,243	10,267,398,813	1,639,521,510
1984	370,239,014	10,828,992,755	1,823,447,844
1985	389,324,285	10,621,680,888	1,707,184,899
1986	389,216,004	6,429,066,605	1,015,037,703
1987	366,141,709	6,345,053,438	999,273,491
1988	320,667,424	4,814,904,938	747,454,359
1989	305,167,655	5,255,557,800	818,591,495
1990	324,423,181	6,980,537,688	1,090,953,312
1991	315,693,251	6,318,372,699	996,566,085
1992	353,726,380	6,319,667,075	968,052,702
1993	362,675,766	5,874,410,733	885,005,673
1994	369,474,307	5,202,103,469	799,238,495
1995	<u>408,875,006</u>	<u>6,297,737,262</u>	<u>947,632,252</u>
Total	10,654,624,393	143,525,028,194	23,131,103,869

Table 40. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Offshore Leases, pre-1954-95

<i>Year</i>	<i>Sales Volume (Mcf)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	19,881,055	1,546,331	248,361
1954	56,325,083	4,393,968	705,779
1955	81,279,042	7,118,031	1,116,642
1956	82,892,538	6,995,060	1,103,698
1957	82,573,604	7,508,433	1,165,378
1958	127,692,848	15,733,942	2,313,500
1959	207,156,296	37,403,164	5,318,518
1960	273,034,451	52,761,614	7,636,074
1961	318,280,095	64,615,520	9,483,489
1962	451,952,659	92,209,196	13,748,400
1963	564,352,606	106,783,758	16,136,781
1964	621,731,438	118,377,080	17,887,512
1965	645,589,469	126,977,562	19,248,110
1966	1,007,447,235	189,381,492	29,142,325
1967	1,187,215,750	227,694,353	32,034,125
1968	1,524,178,078	291,257,157	48,453,724
1969	1,954,486,975	365,770,489	57,390,300
1970	2,418,676,591	438,136,408	69,445,227
1971	2,777,043,418	549,648,012	87,405,869
1972	3,038,554,773	663,647,779	105,892,430
1973	3,211,588,422	736,877,724	118,244,998
1974	3,514,723,907	877,700,506	141,653,952
1975	3,458,693,454	1,205,677,587	195,198,256
1976	3,595,923,526	1,652,842,563	268,090,028
1977	3,737,746,922	2,766,397,049	449,322,812
1978	4,385,060,878	4,135,198,537	672,570,441
1979	4,672,979,139	6,125,502,323	1,002,697,388
1980	4,641,456,983	7,885,212,996	1,295,291,353
1981	4,849,536,728	10,502,988,536	1,711,962,893
1982	4,679,511,272	12,419,927,350	2,074,583,597
1983	4,040,733,857	11,273,488,686	1,814,796,569
1984	4,537,841,051	12,839,297,031	2,091,276,753
1985	4,000,975,226	11,369,247,971	1,905,597,880
1986	3,948,891,837	9,117,507,291	1,518,338,984
1987	4,425,581,690	8,134,688,593	1,337,761,434
1988	4,309,874,827	7,946,040,609	1,310,301,872
1989	4,200,263,926	7,838,429,288	1,300,193,995
1990	5,092,931,169	9,458,313,225	1,539,364,756
1991	4,515,531,673	7,890,057,471	1,286,891,566
1992	4,685,644,725	8,164,857,461	1,333,786,723
1993	4,533,389,731	9,893,435,203	1,591,838,003
1994	4,657,017,829	9,752,514,909	1,544,996,745
1995	<u>4,692,270,825</u>	<u>7,506,770,659</u>	<u>1,177,842,219</u>
Total	115,828,513,601	172,860,932,917	28,208,479,459

Table 41. Sulphur Sales Volume, Sales Value, and Royalties Received from Federal Leases, 1960–95

(Statistics in parentheses indicate reporting adjustments for prior periods.)

Year	Sales Volume (Short Tons)	Sales Value (\$)	Royalties Received (\$)
1960	98,025	1,762,866	285,784
1961	401,521	7,252,931	1,170,733
1962	285,975	5,507,050	835,816
1963	552,573	11,069,637	1,617,471
1964	634,875	12,748,602	1,858,535
1965	1,090,950	23,387,005	3,197,532
1966	1,400,848	32,621,551	4,128,691
1967	1,409,276	37,291,107	4,167,804
1968	1,553,621	53,277,667	4,628,512
1969	1,232,939	49,129,573	3,684,432
1970	1,099,584	24,636,736	3,235,874
1971	1,178,400	23,718,311	3,452,117
1972	1,176,833	22,286,906	3,438,515
1973	1,235,358	23,748,632	3,610,757
1974	1,303,750	34,820,443	3,852,700
1975	1,248,134	69,737,571	3,737,784
1976	(554,271)	(36,777,151)	(1,651,794)
1977	0	0	0
1978	(5,090)	(27,891)	(4,648)
1979-87	0	0	0
1988	890	104,972	17,524
1989	162,152	17,506,189	2,922,072
1990	734,449	91,967,724	4,598,386
1991	856,247	95,706,063	4,785,304
1992	1,047,117	67,513,203	3,819,516
1993	1,727,317	96,405,524	6,735,578
1994	2,614,447	120,407,563	10,507,155
1995	<u>2,067,163</u>	<u>143,705,140</u>	<u>12,718,466</u>
Total	24,553,083	1,029,507,924	91,350,616

Table 42. Crude Oil Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Alabama, 1992–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1994	0	0	0
1994	43,114	526,818	87,718
1995	<u>16,042</u>	<u>95,863</u>	<u>15,922</u>
Total	59,156	622,681	103,640

Table 43. Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Alabama, 1992–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1992	0	0	0
1992	3,209	58,687	9,742
1993	2,630	44,002	3,837
1994	2,998	42,202	3,012
1995	<u>2,046</u>	<u>34,204</u>	<u>3,117</u>
Total	10,883	179,095	19,708

Table 44. Crude Oil and Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Alabama, 1992–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1992	0	0	0
1992	3,209	58,687	9,742
1993	2,630	44,002	3,837
1994	46,112	569,020	90,730
1995	<u>18,088</u>	<u>130,067</u>	<u>19,039</u>
Total	70,039	801,776	123,348

Table 45. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Alabama, 1992–95

<i>Year</i>	<i>Sales Volume (Mcf)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1992	0	0	0
1992	67,280,071	121,995,233	18,743,011
1993	76,561,233	167,413,886	27,791,761
1994	102,295,379	207,700,582	33,287,070
1995	<u>108,695,954</u>	<u>174,665,774</u>	<u>27,469,371</u>
Total	354,832,637	671,775,475	107,291,213

Table 46. Sulphur Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Alabama, 1992–95

<i>Year</i>	<i>Sales Volume (Short tons)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1992	0	0	0
1992	218	9,464	1,116
1993	240	9,407	533
1994	6,016	164,593	13,747
1995	<u>16,117</u>	<u>562,146</u>	<u>56,550</u>
Total	22,591	745,610	71,946

NOTE: Alabama sulphur production is a byproduct of gas processing.

Table 47. Crude Oil Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore California, 1968–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1968	2,059,889	5,222,660	870,444
1969	9,940,844	28,042,929	4,673,822
1970	24,987,628	72,294,311	12,049,052
1971	31,103,548	98,407,829	16,401,306
1972	22,562,213	70,131,629	11,688,605
1973	18,915,314	63,475,178	10,579,199
1974	16,776,744	78,014,292	13,002,385
1975	15,304,757	63,789,230	10,631,541
1976	13,978,553	65,245,691	10,874,283
1977	12,267,598	58,205,617	9,707,115
1978	12,085,908	69,709,403	11,704,453
1979	10,961,076	78,086,108	13,014,352
1980	10,198,886	111,407,469	18,567,912
1981	19,605,027	477,803,916	86,004,705
1982	28,434,202	679,293,086	160,992,461
1983	30,527,487	717,395,945	165,001,067
1984	30,254,306	645,004,111	122,270,587
1985	29,781,465	628,442,977	123,056,974
1986	29,227,846	358,544,517	63,973,110
1987	33,556,686	423,213,631	75,690,692
1988	32,615,118	322,221,171	53,723,584
1989	33,072,161	401,679,836	69,618,869
1990	33,312,719	540,919,648	94,552,896
1991	29,142,348	359,875,572	64,130,301
1992	41,220,209	474,967,802	71,946,494
1993	50,073,501	500,662,325	70,522,621
1994	57,224,119	529,938,438	78,959,129
1995	<u>71,240,875</u>	<u>778,104,803</u>	<u>117,418,951</u>
Total	750,431,027	8,700,100,124	1,561,626,910

Table 48. Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore California, 1968–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1968–89	0	0	0
1990	3,742	66,651	11,488
1991	3,125	55,684	9,281
1992	2,592	36,958	6,095
1993	4,643	60,856	9,815
1994	5,345	69,006	10,615
1995	<u>13,565</u>	<u>204,768</u>	<u>24,162</u>
Total	33,012	493,923	71,456

Table 49. Crude Oil and Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore California, 1968–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1968	2,059,889	5,222,660	870,444
1969	9,940,844	28,042,929	4,673,822
1970	24,987,628	72,294,311	12,049,052
1971	31,103,548	98,407,829	16,401,306
1972	22,562,213	70,131,629	11,688,605
1973	18,915,314	63,475,178	10,579,199
1974	16,776,744	78,014,292	13,002,385
1975	15,304,757	63,789,230	10,631,541
1976	13,978,553	65,245,691	10,874,283
1977	12,267,598	58,205,617	9,707,115
1978	12,085,908	69,709,403	11,704,453
1979	10,961,076	78,086,108	13,014,352
1980	10,198,886	111,407,469	18,567,912
1981	19,605,027	477,803,916	86,004,705
1982	28,434,202	679,293,086	160,992,461
1983	30,527,487	717,395,945	165,001,067
1984	30,254,306	645,994,111	122,270,587
1985	29,781,465	628,442,977	123,056,974
1986	29,227,846	358,544,517	63,973,110
1987	33,556,686	423,213,631	75,690,692
1988	32,615,118	322,221,171	53,723,584
1989	33,072,161	401,679,836	69,618,869
1990	33,312,719	540,919,648	94,552,896
1991	29,146,090	359,942,223	64,141,789
1992	41,222,801	475,004,760	71,952,589
1993	50,078,144	500,723,181	70,532,436
1994	57,229,464	530,007,444	78,969,744
1995	<u>71,254,440</u>	<u>778,309,571</u>	<u>117,443,113</u>
Total	750,460,914	8,701,528,363	1,561,689,085

Table 50. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore California, 1968–95

<i>Year</i>	<i>Sales Volume (Mcf)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1968	799,685	215,915	35,986
1969	4,845,851	1,308,380	218,063
1970	12,229,147	3,301,870	550,312
1971	15,671,479	4,231,299	705,217
1972	10,033,581	2,709,067	451,511
1973	7,286,549	1,968,775	328,129
1974	5,573,642	1,485,338	247,556
1975	3,951,633	1,083,486	180,581
1976	3,475,201	1,013,835	168,973
1977	3,289,963	1,699,845	283,381
1978	3,472,292	1,934,826	314,421
1979	2,866,822	1,878,349	313,058
1980	3,107,023	2,435,833	405,972
1981	12,766,307	13,919,105	2,158,289
1982	17,750,924	40,521,810	10,936,614
1983	16,024,292	45,508,989	11,832,337
1984	27,806,899	99,218,481	16,932,454
1985	49,164,213	151,241,817	25,676,251
1986	42,689,021	129,220,799	21,888,369
1987	40,986,158	111,589,318	18,085,583
1988	34,570,638	92,648,015	15,086,166
1989	28,574,912	77,322,251	12,920,381
1990	38,531,764	107,345,547	17,822,908
1991	40,626,577	116,722,285	19,536,916
1992	40,873,660	111,075,007	18,325,587
1993	42,082,090	116,076,588	16,859,977
1994	41,679,034	100,051,242	13,375,225
1995	<u>36,425,501</u>	<u>62,967,836</u>	<u>9,205,331</u>
Total	587,154,858	1,400,695,908	234,845,548

Table 51. Sulphur Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore California, 1988–95

<i>Year</i>	<i>Sale Volume (Short Tons)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1988	3	179	30
1989	140	8,933	1,483
1990	0	0	0
1991	2,121	1,286	65
1992	(49)	(224)	(34)
1993	3,295	11,035	124
1994	4,392	7,488	272
1995	<u>7,546</u>	<u>32,949</u>	<u>1,708</u>
Total	17,448	61,646	3,648

NOTE: California sulphur production is a byproduct of gas processing.

Table 52. Crude Oil Sales Volume, Sales Value, and Royalties Received from Federal Leases
Offshore Louisiana, pre-1954-95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	940,634	2,770,866	584,088
1954	2,723,173	8,028,326	1,681,702
1955	5,869,897	17,312,409	3,538,967
1956	10,123,071	29,724,365	6,013,072
1957	15,367,279	51,146,960	9,790,301
1958	23,709,108	77,266,710	14,482,598
1959	34,177,272	108,196,671	20,331,582
1960	47,359,046	139,113,688	27,843,078
1961	61,265,770	192,144,960	35,462,210
1962	84,928,426	264,041,875	48,705,620
1963	98,278,494	313,637,681	55,591,619
1964	114,972,300	352,663,296	64,358,443
1965	136,232,315	417,131,468	75,417,896
1966	174,304,792	535,253,645	95,584,085
1967	204,698,134	630,364,403	112,166,314
1968	248,223,799	769,355,722	136,455,284
1969	283,974,318	925,153,657	162,162,256
1970	311,035,150	1,036,032,944	180,410,505
1971	358,366,080	1,277,637,359	218,947,766
1972	355,029,953	1,257,524,468	214,844,499
1973	341,277,611	1,413,819,684	237,227,064
1974	315,124,798	2,116,320,829	348,152,189
1975	287,515,795	2,142,058,833	352,531,404
1976	279,738,781	2,263,338,628	368,173,908
1977	264,522,771	2,374,005,873	390,343,437
1978	257,395,201	2,548,509,418	416,325,361
1979	249,183,243	2,768,895,263	451,278,478
1980	239,908,850	4,506,131,180	732,523,049
1981	234,774,684	8,038,329,770	1,299,779,462
1982	244,965,408	7,912,382,678	1,318,994,192
1983	270,291,238	8,113,911,006	1,252,703,480
1984	286,179,678	8,585,390,310	1,444,944,002
1985	308,963,685	8,610,369,286	1,363,608,919
1986	310,229,856	5,222,317,657	819,079,411
1987	278,095,030	4,963,852,356	774,729,750
1988	233,931,885	3,642,541,107	565,189,667
1989	213,826,751	3,808,158,426	587,668,216
1990	227,122,655	5,013,258,505	769,435,910
1991	224,442,426	4,656,857,085	726,484,625
1992	248,857,594	4,631,840,641	703,313,779
1993	249,001,891	4,279,258,587	645,332,505
1994	251,594,777	3,738,163,816	576,937,858
1995	<u>276,476,735</u>	<u>4,514,176,904</u>	<u>679,075,935</u>
Total	8,665,000,354	114,268,389,315	18,308,204,486

Table 53. Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases
Offshore Louisiana, pre-1954-95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	210,063	719,664	135,453
1954	619,057	1,947,804	361,496
1955	833,631	2,624,334	483,418
1956	878,177	2,738,187	505,938
1957	697,116	2,397,306	432,270
1958	1,059,929	3,470,484	627,780
1959	1,519,992	4,871,845	889,736
1960	2,306,845	7,320,399	1,328,526
1961	3,064,308	9,527,903	1,788,043
1962	4,804,673	14,874,907	2,799,353
1963	6,247,942	19,168,310	3,618,838
1964	7,522,873	22,941,499	4,286,902
1965	8,732,553	26,664,321	4,988,612
1966	13,526,680	41,750,232	7,679,495
1967	14,297,694	42,884,947	7,743,531
1968	15,601,560	50,711,986	9,046,984
1969	16,184,974	56,381,108	9,863,476
1970	22,376,342	77,309,209	13,291,113
1971	27,394,271	99,350,253	16,835,804
1972	32,560,709	119,704,749	20,060,994
1973	32,919,245	136,308,235	22,505,037
1974	27,310,698	194,647,283	31,596,951
1975	26,076,764	213,350,928	34,774,428
1976	22,148,221	194,022,687	31,475,662
1977	26,248,834	242,253,426	39,581,711
1978	20,676,334	212,781,919	34,739,603
1979	21,825,673	237,417,026	37,824,355
1980	16,779,232	326,710,741	53,003,093
1981	21,101,033	733,062,032	116,447,980
1982	30,548,081	1,001,671,575	166,978,650
1983	27,802,321	843,800,442	130,367,168
1984	31,844,944	954,011,338	152,454,740
1985	29,938,178	813,081,497	130,292,473
1986	29,922,420	517,989,208	80,809,948
1987	29,855,851	525,364,523	80,463,024
1988	28,004,645	444,135,383	67,498,626
1989	32,380,902	581,792,391	90,138,817
1990	37,547,880	840,299,780	135,992,050
1991	38,205,307	801,165,282	127,385,280
1992	40,060,614	773,524,961	122,331,496
1993	44,441,990	759,887,530	116,590,797
1994	41,482,414	654,035,539	99,235,847
1995	<u>43,778,352</u>	<u>711,598,298</u>	<u>104,823,650</u>
Total	881,339,322	13,320,271,471	2,114,079,148

Table 54. Crude Oil and Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Louisiana, pre-1954-95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre-1954	1,150,697	3,490,530	719,541
1954	3,342,230	9,976,130	2,043,198
1955	6,703,528	19,936,743	4,022,385
1956	11,001,248	32,462,552	6,519,010
1957	16,064,395	53,544,266	10,222,571
1958	24,769,037	80,737,194	15,110,378
1959	35,697,264	113,068,516	21,221,318
1960	49,665,891	146,434,087	29,171,604
1961	64,330,078	201,672,863	37,250,253
1962	89,733,099	278,916,782	51,504,973
1963	104,526,436	332,805,991	59,210,457
1964	122,495,173	375,604,795	68,645,345
1965	144,964,868	443,795,789	80,406,508
1966	187,831,472	577,003,877	103,263,580
1967	218,995,828	673,249,350	119,909,845
1968	263,825,359	820,067,708	145,502,268
1969	300,159,292	981,534,765	172,025,732
1970	333,411,492	1,113,342,153	193,701,618
1971	385,760,351	1,376,987,612	235,783,570
1972	387,590,662	1,377,229,217	234,905,493
1973	374,196,856	1,550,127,919	259,732,101
1974	342,435,496	2,310,968,112	379,749,140
1975	313,592,559	2,355,409,761	387,305,832
1976	301,887,002	2,457,361,315	399,649,570
1977	290,771,605	2,616,259,299	429,925,148
1978	278,071,535	2,761,291,337	451,064,964
1979	271,008,916	3,006,312,289	489,102,833
1980	256,688,082	4,832,841,921	785,526,142
1981	255,875,717	8,771,391,802	1,416,227,442
1982	275,513,489	8,914,054,253	1,485,972,842
1983	298,093,559	8,957,711,448	1,383,070,648
1984	318,024,622	9,539,401,648	1,597,398,742
1985	338,901,863	9,423,450,783	1,493,901,392
1986	340,152,276	5,740,306,865	899,889,359
1987	307,950,881	5,489,216,879	855,192,774
1988	261,936,530	4,086,676,490	632,688,293
1989	246,207,653	4,389,950,817	677,807,033
1990	264,670,535	5,853,558,285	905,427,960
1991	262,647,733	5,458,022,367	853,869,905
1992	288,918,208	5,405,365,602	825,715,275
1993	293,443,881	5,039,146,117	761,923,302
1994	293,077,191	4,392,199,355	676,173,705
1995	<u>320,255,087</u>	<u>5,225,775,202</u>	<u>783,899,585</u>
Total	9,546,339,676	127,588,660,786	20,422,353,634

Table 55. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Leases
Offshore Louisiana, pre– 1954–95

<i>Year</i>	<i>Sales Volume (Mcf)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
pre–1954	19,881,055	1,546,331	248,351
1954	56,325,083	4,393,968	705,779
1955	81,279,042	7,118,031	1,116,642
1956	82,892,538	6,995,060	1,103,698
1957	82,568,807	7,507,953	1,165,294
1958	127,692,848	15,733,942	2,313,500
1959	207,156,296	37,403,164	5,318,518
1960	273,034,451	52,761,614	7,636,074
1961	318,280,095	64,615,520	9,483,489
1962	451,952,659	92,209,196	13,748,400
1963	564,352,606	106,783,758	16,136,781
1964	621,731,438	118,377,080	17,887,512
1965	645,589,469	126,977,562	19,248,110
1966	965,387,849	182,465,908	27,989,727
1967	1,087,262,804	210,606,727	29,186,187
1968	1,413,467,606	272,969,079	45,405,714
1969	1,822,544,142	344,015,027	53,764,395
1970	2,273,147,040	414,018,458	65,425,568
1971	2,634,014,031	525,451,277	83,373,079
1972	2,881,364,733	636,164,978	101,311,962
1973	3,055,628,236	707,142,624	113,289,175
1974	3,349,170,864	844,519,248	136,123,741
1975	3,332,169,057	1,169,897,666	189,234,935
1976	3,499,865,900	1,622,680,649	263,063,050
1977	3,647,513,674	2,712,635,503	440,362,490
1978	4,149,731,136	3,847,319,737	624,603,700
1979	4,158,521,710	5,225,483,453	852,694,229
1980	4,013,707,434	6,578,100,474	1,077,439,212
1981	4,106,494,590	8,677,535,461	1,407,880,914
1982	3,803,740,050	10,079,911,140	1,680,321,200
1983	3,173,892,354	8,632,987,203	1,381,277,952
1984	3,578,740,570	9,656,366,956	1,551,459,784
1985	3,116,884,490	8,468,902,650	1,420,442,835
1986	2,927,832,264	6,605,111,673	1,081,739,674
1987	3,180,107,195	5,775,180,843	935,053,158
1988	3,096,881,628	5,705,494,358	919,994,644
1989	3,006,576,061	5,590,014,727	912,525,885
1990	3,706,324,044	6,914,198,999	1,116,561,923
1991	3,289,968,602	5,811,082,617	938,334,655
1992	3,338,101,447	5,903,755,520	952,478,988
1993	3,386,808,653	7,391,111,524	1,176,770,756
1994	3,492,406,762	7,392,495,136	1,156,632,134
1995	<u>3,636,067,997</u>	<u>5,843,343,792</u>	<u>905,009,984</u>
Total	96,657,059,310	134,383,386,586	21,735,863,798

Table 56. Salt Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Louisiana, 1960–95

(Salt production on the OCS occurs only offshore Louisiana. Therefore, salt production here accounts for total OCS production. Statistics in parentheses indicate reporting adjustments for prior years.)

Year	Sales Volume (Short Tons)	Sales Value (\$)	Royalties Received (\$)
1960	59,794	10,764	1,792
1961	528,581	95,142	15,857
1962	176,924	31,848	5,308
1963	262,951	47,334	7,889
1964	212,978	38,334	6,389
1965	290,804	52,334	8,724
1966	297,475	53,544	8,924
1967	274,422	49,396	7,422
1968	540,651	97,317	17,030
1969	343,060	61,751	10,292
1970	269,691	48,544	8,091
1971	370,406	66,673	11,112
1972	358,782	64,581	10,764
1973	381,247	68,624	11,437
1974	346,411	62,354	10,392
1975	151,032	(54,212)	(8,469)
1976	(113,590)	(20,446)	(3,408)
1977–87	0	0	0
1988	44	2,619	437
1989	1,059	63,556	10,614
1990	302,246	54,404	9,086
1991	197,543	35,701	5,926
1992	265,528	140,730	7,966
1993	357,081	303,519	10,712
1994	40,389	47,782	1,225
1995	<u>0</u>	<u>0</u>	<u>0</u>
Total	5,915,509	1,422,193	175,512

Table 57. Sulphur Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Louisiana, 1960–95

(Statistics in parenthesis indicate reporting adjustments for prior years.)

Year	Sales Volume (Short Tons)	Sales Value (\$)	Royalties Received (\$)
1960	98,025	1,762,866	285,784
1961	401,521	7,252,931	1,170,733
1962	285,975	5,507,050	835,816
1963	552,573	11,069,637	1,617,471
1964	634,875	12,748,602	1,858,535
1965	1,090,950	23,387,005	3,197,532
1966	1,400,848	32,621,551	4,128,691
1967	1,409,276	37,291,107	4,167,804
1968	1,553,621	53,277,667	4,628,512
1969	1,232,939	49,129,573	3,684,432
1970	1,099,584	24,636,736	3,235,874
1971	1,178,400	23,718,311	3,452,117
1972	1,176,833	22,286,906	3,438,515
1973	1,235,358	23,748,632	3,610,757
1974	1,303,750	34,820,443	3,852,700
1975	1,248,134	69,737,571	3,737,784
1976	(554,271)	(36,777,151)	(1,651,794)
1977	0	0	0
1978	(5,090)	(27,891)	(4,648)
1979–87	0	0	0
1988	887	104,753	17,494
1989	162,012	17,497,256	2,922,042
1990	734,449	91,967,724	4,598,386
1991	854,126	95,704,777	4,785,239
1992	1,046,948	67,503,963	3,818,434
1993	1,723,782	96,385,082	6,734,921
1994	2,604,039	120,235,482	10,493,136
1995	<u>2,043,500</u>	<u>143,110,045</u>	<u>12,660,208</u>
Total	24,513,044	1,028,700,628	91,276,475

Table 58. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Mississippi, 1992–95

Year	Sales Volume (bbl)	Sales Value (\$)	Royalties Received (\$)
pre–1994	0	0	0
1994	6,432,489	13,520,396	2,042,599
1995	<u>2,561,323</u>	<u>4,072,503</u>	<u>680,108</u>
Total	8,993,812	17,592,899	2,722,707

Table 59. Crude Oil Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Texas, 1955–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1955	1,956	5,905	979
1956	13,284	40,259	6,675
1957	5,792	19,889	3,296
1958	0	0	0
1959	257	847	141
1960	98	284	47
1961	0	0	0
1962	3,483	11,024	1,837
1963	52,804	159,764	26,627
1964	4,953	14,699	2,449
1965	3,747	10,042	1,666
1966	882,598	2,664,147	444,017
1967	1,162,401	3,625,423	604,236
1968	1,732,657	5,535,456	922,577
1969	1,514,315	5,191,533	865,045
1970	1,100,107	3,856,600	642,715
1971	710,463	2,610,868	431,713
1972	905,023	3,407,703	563,322
1973	695,859	2,717,407	449,665
1974	452,613	2,487,210	411,732
1975	338,569	1,815,153	299,518
1976	765,691	7,190,769	1,176,789
1977	193,567	1,896,955	312,836
1978	940,065	9,710,791	1,585,896
1979	2,131,164	26,586,056	4,435,156
1980	8,701,375	165,998,061	27,666,050
1981	8,737,903	327,998,790	54,663,795
1982	10,445,997	336,883,403	56,158,463
1983	11,079,112	330,079,058	50,937,985
1984	13,647,411	393,045,442	63,280,317
1985	12,546,249	346,357,917	54,846,664
1986	11,153,906	184,154,502	27,749,107
1987	13,672,274	242,028,466	37,678,713
1988	12,621,940	197,317,374	29,475,018
1989	13,281,913	238,795,215	36,704,459
1990	13,312,708	296,270,061	45,555,126
1991	9,687,804	209,244,835	31,970,172
1992	11,734,026	221,389,956	35,141,369
1993	8,168,376	144,542,559	22,365,159
1994	9,970,774	140,089,424	22,152,970
1995	<u>9,030,705</u>	<u>153,446,519</u>	<u>24,051,194</u>
Total	191,403,939	4,007,200,366	633,585,495

Table 60. Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Texas, 1967–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1967	1,703,385	5,305,062	884,177
1968	1,377,985	4,454,244	742,372
1969	1,245,536	4,361,621	726,926
1970	1,146,941	4,098,461	683,077
1971	974,584	3,674,607	612,435
1972	827,995	3,197,222	532,081
1973	921,970	4,411,721	729,876
1974	929,212	7,307,134	1,201,746
1975	1,001,567	7,834,357	1,290,315
1976	288,863	3,611,930	602,046
1977	715,470	7,219,119	1,201,914
1978	1,167,534	13,634,861	2,272,490
1979	1,464,382	16,608,588	2,767,935
1980	1,800,632	32,864,335	5,477,282
1981	5,546,758	110,572,409	18,420,567
1982	6,817,769	222,941,046	37,164,272
1983	8,631,085	262,212,362	40,511,810
1984	8,312,675	251,541,554	40,498,198
1985	8,094,708	223,429,211	35,379,869
1986	8,681,976	146,060,721	23,426,127
1987	10,961,868	190,594,462	30,711,312
1988	13,493,836	208,689,903	31,567,464
1989	12,605,928	225,131,932	34,461,134
1990	13,127,219	289,789,694	45,417,330
1991	14,211,624	291,163,274	46,584,219
1992	11,848,136	217,848,070	35,233,727
1993	10,982,735	189,954,874	30,180,939
1994	9,150,766	139,238,226	21,851,346
1995	<u>8,316,686</u>	<u>140,075,903</u>	<u>22,219,321</u>
Total	166,349,825	3,227,826,903	513,352,307

Table 61. Crude Oil and Condensate Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Texas, 1955–95

<i>Year</i>	<i>Sales Volume (bbl)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1955	1,956	5,905	979
1956	13,284	40,259	6,675
1957	5,792	19,889	3,296
1958	0	0	0
1959	257	847	141
1960	98	284	47
1961	0	0	0
1962	3,483	11,024	1,837
1963	52,804	159,764	26,627
1964	4,953	14,699	2,449
1965	3,747	10,042	1,666
1966	882,598	2,664,147	444,017
1967	2,865,786	8,930,485	1,488,413
1968	3,110,642	9,989,700	1,664,949
1969	2,759,851	9,553,154	1,591,971
1970	2,247,048	7,955,061	1,325,792
1971	1,685,047	6,285,475	1,044,148
1972	1,733,018	6,604,925	1,095,403
1973	1,617,829	7,129,128	1,179,541
1974	1,381,825	9,794,344	1,613,478
1975	1,340,136	9,649,510	1,589,833
1976	1,054,554	10,802,699	1,778,835
1977	909,037	9,116,074	1,514,750
1978	2,107,599	23,345,652	3,858,386
1979	3,595,546	43,194,644	7,203,091
1980	10,502,007	198,862,396	33,143,332
1981	14,284,661	438,571,199	73,084,362
1982	17,263,766	559,824,449	93,322,735
1983	19,710,197	592,291,420	91,449,795
1984	21,960,086	644,586,996	103,778,515
1985	20,640,957	569,787,128	90,226,533
1986	19,835,882	330,215,223	51,175,234
1987	24,634,142	432,622,928	68,390,025
1988	26,115,776	406,007,277	61,042,482
1989	25,887,841	463,927,147	71,165,593
1990	26,439,927	586,059,755	90,972,456
1991	23,899,428	500,408,109	78,554,391
1992	23,582,162	439,238,026	70,375,096
1993	19,151,111	334,497,433	52,546,098
1994	13,121,540	279,327,650	44,004,316
1995	<u>17,347,391</u>	<u>293,522,422</u>	<u>46,270,515</u>
Total	351,753,764	7,235,027,269	1,146,937,802

Table 62. Natural Gas Sales Volume, Sales Value, and Royalties Received from Federal Leases Offshore Texas, 1957–95

<i>Year</i>	<i>Sales Volume (Mcf)</i>	<i>Sales Value (\$)</i>	<i>Royalties Received (\$)</i>
1957	4,797	480	84
1958	0	0	0
1959	0	0	0
1960	0	0	0
1961	0	0	0
1962	0	0	0
1963	0	0	0
1964	0	0	0
1965	0	0	0
1966	42,059,386	6,915,584	1,152,598
1967	99,952,946	17,087,626	2,847,938
1968	109,910,787	18,072,163	3,012,028
1969	127,096,982	20,447,082	3,407,848
1970	133,300,404	20,816,080	3,469,347
1971	127,357,908	19,965,436	3,327,573
1972	147,156,459	24,773,734	4,128,957
1973	148,673,637	27,766,325	4,627,694
1974	159,979,401	31,695,920	5,282,655
1975	122,572,764	34,696,435	5,782,740
1976	92,582,425	29,148,079	4,858,005
1977	86,943,285	52,061,701	8,676,941
1978	231,857,450	285,943,974	47,652,320
1979	511,590,607	898,140,521	149,690,101
1980	624,642,526	1,304,676,689	217,446,169
1981	730,275,831	1,811,533,970	301,923,690
1982	858,020,298	2,299,494,400	383,325,783
1983	850,817,211	2,594,992,494	421,686,280
1984	931,293,582	3,083,711,594	522,884,515
1985	834,926,523	2,749,103,504	459,478,794
1986	978,370,552	2,383,174,819	414,710,941
1987	1,204,488,337	2,247,918,432	384,622,693
1988	1,178,422,561	2,147,898,236	375,221,062
1989	1,165,112,953	2,171,092,310	374,747,729
1990	1,348,075,361	2,436,768,679	404,979,925
1991	1,184,936,494	1,962,252,569	329,019,995
1992	1,239,389,547	2,028,031,701	344,239,137
1993	1,027,937,755	2,218,833,205	370,415,509
1994	1,014,204,135	2,038,747,553	339,659,717
1995	<u>908,520,050</u>	<u>1,421,720,754</u>	<u>235,477,425</u>
Total	18,220,472,954	36,387,482,049	6,127,756,193