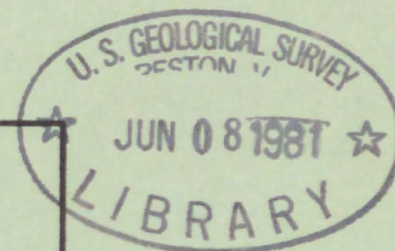


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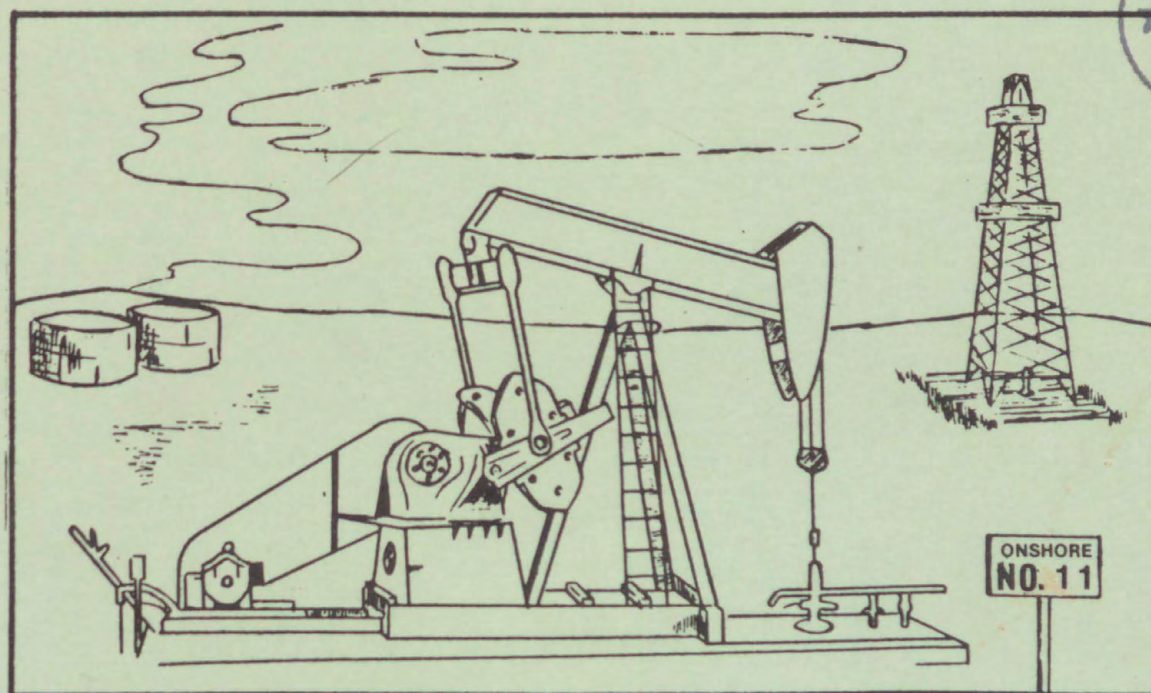
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

FEDERAL AND INDIAN LANDS
OIL AND GAS PRODUCTION, ROYALTY INCOME,
AND RELATED STATISTICS



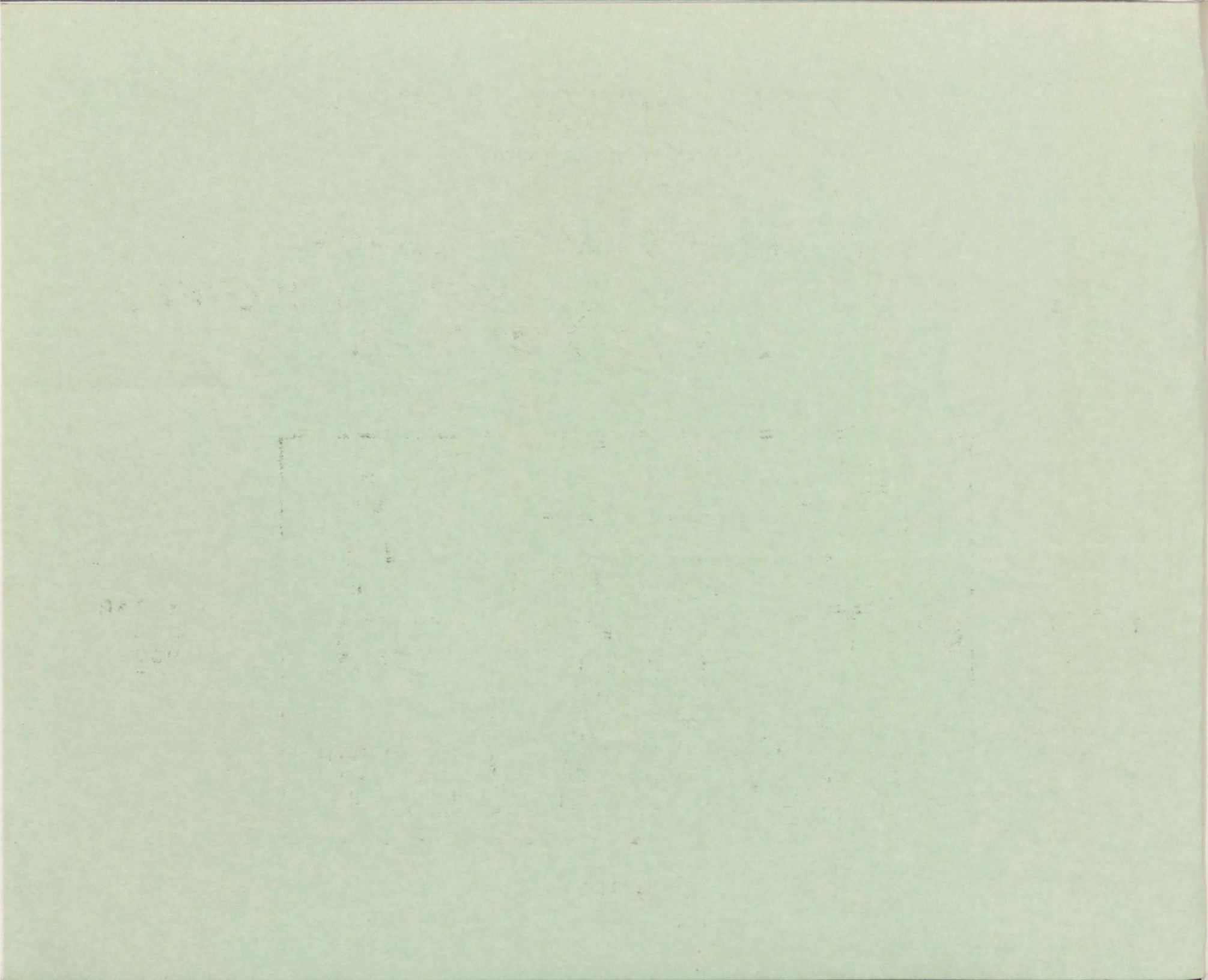
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UNITED STATES DEPARTMENT OF THE INTERIOR

James G. Watt, Secretary

U.S. GEOLOGICAL SURVEY

Doyle G. Frederick, Acting Director

CONSERVATION DIVISION

Hillary A. Oden, Acting Chief

FEDERAL AND INDIAN LANDS

OIL AND GAS PRODUCTION, ROYALTY INCOME

AND RELATED STATISTICS

1920 through Calendar Year 1980

Printed June 1981

Compiled by: Walter M. Harris
Bruce E. McFarlane
David Beasley

The information Contained In This
Publication Does Not Constitute An
Independent Analysis By USGS,
Consequently, The Information Herein
Is Subject To Correction

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PART 1

INTRODUCTION

The Conservation Division of the Geological Survey collects royalties, supervises operations and production of minerals under lease on Federal, Indian, and Outer Continental Shelf Lands. This publication is primarily a compilation of statistics pertaining to the leases, production, and royalties.

Copies may be obtained by contacting:

U.S. Geological Survey
12201 Sunrise Valley Drive
Mail Stop 660
Reston, Virginia 22092
Phone: (703) 860-7511

BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

PART 2

FEDERAL AND INDIAN LANDS
LEASING

This part provides statistical data on the competitive lease sales and bonuses, production from competitive leases, leases in effect and producible leases.

COMPETITIVE OIL AND GAS LEASE SALES
ON PUBLIC AND ACQUIRED LANDS
FISCAL YEAR 1980

	PUBLIC LANDS			ACQUIRED LANDS			TOTAL		
	NO.	ACRES LEASED	BONUS RECEIVED(\$)	NO.	ACRES LEASED	BONUS RECEIVED(\$)	NO.	ACRES LEASED	BONUS RECEIVED(\$)
Alabama	1	41	\$ 2,849	-	-	-	1	41	\$ 2,849
Arkansas	-	-	-	1	80	\$ 9,008	1	80	9,008
California	1	120	4,800	-	-	-	1	120	4,800
Colorado	42	14,315	2,752,852	2	232	59,467	44	14,547	2,812,319
Louisiana	5	402	26,920	7	2,343	15,399	12	2,745	42,319
Mississippi	-	-	-	2	192	708	2	192	708
Montana	31	4,897	467,145	1	20	500	32	4,917	467,645
New Mexico	68	15,534	7,311,495	-	-	-	68	15,534	7,311,495
North Dakota	10	2,973	250,142	-	-	-	10	2,973	250,142
Oklahoma	20	1,451	706,412	14	5,637	2,719,565	34	7,088	3,425,977
South Dakota	1	80	6,640	-	-	-	1	80	6,640
Texas	-	-	-	15	4,842	1,260,612	15	4,842	1,260,612
Utah	20	5,674	783,587	-	-	-	20	5,674	783,587
West Virginia	-	-	-	1	80	444	1	80	444
Wyoming	58	12,630	5,669,202	1	80	1,200	59	12,710	5,670,402
TOTAL	257	58,117	\$17,982,044	44	13,506	\$4,066,903	301	71,623	\$22,048,947

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

COMPETITIVE OIL & GAS LEASE SALES
PUBLIC AND ACQUIRED LANDS

FISCAL YEAR	PUBLIC LAND		ACQUIRED LAND		TOTAL	
	ACREAGE	BONUS	ACREAGE	BONUS	ACREAGE	BONUS
1950	256	\$ 3,558	1,538	163,998	1,794	\$ 167,556
1951	3,590	116,079	-	-	3,590	116,079
1952	9,355	326,732	-	-	9,355	326,732
1953	11,029	1,805,475	-	-	11,029	1,805,475
1954	6,611	218,668	1,115	37,244	7,726	255,912
1955	16,145	833,305	-	-	16,145	833,305
1956	19,894	629,729	1,603	611,750	21,497	1,241,479
1957	155,137	906,321	27,096	291,084	182,233	1,197,405
1958	10,564	274,432	-	-	10,564	274,432
1959	31,319	862,482	964	20,349	32,283	882,831
1960	17,562	657,131	4,385	11,734	21,947	668,865
1961	15,760	473,257	11,706	11,922,117	27,466	12,395,374
1962	31,541	6,994,498	1,170	64,953	32,711	7,059,451
1963	49,319	1,953,328	3,805	135,908	53,124	2,089,236
1964	18,532	586,668	1,803	63,250	20,335	649,918
1965	30,801	617,174	15,771	1,188,258	46,572	1,805,432
1966	33,779	476,066	1,674	96,771	35,453	572,837
1967	60,413	737,835	1,252	26,461	61,665	764,296
1968	59,969	679,134	11,536	293,389	71,505	972,523
1969	30,437	426,090	6,532	328,453	36,969	754,543
1970	35,340	359,064	3,384	119,826	38,724	478,890
1971	46,637	857,436	5,465	305,700	52,102	1,163,136
1972	85,151	922,669	3,175	194,874	88,326	1,117,543
1973	84,105	1,788,537	5,210	414,833	89,315	2,203,370
1974	63,377	2,243,094	1,870	52,529	65,247	2,295,623
1975	106,470	7,333,467	5,931	869,524	112,401	8,202,991
1976	66,049	3,151,974	8,567	1,782,234	74,616	4,934,208
1977	76,149	7,052,410	4,380	768,537	80,529	7,820,947
1978	74,214	12,570,504	2,224	135,461	76,438	12,705,965
1979	58,719	7,285,891	3,728	311,280	62,447	7,597,171
1980	58,117	17,982,044	13,506	4,066,903	71,623	22,048,947
TOTAL	1,366,341	\$81,125,052	149,390	\$24,277,420	1,515,731	\$105,402,472

AVERAGE PRICE PER ACRE

PUBLIC LAND: \$59.37

ACQUIRED LAND: \$162.51

TOTAL: \$69.54

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

COMPETITIVE GEOTHERMAL STEAM LEASE SALES
ON FEDERAL LANDS

:		ACRES	BONUS	:		ACRES	BONUS	:		
:	FISCAL YEAR	NO.	LEASED	RECEIVED (\$)	:	FISCAL YEAR	NO.	LEASED	RECEIVED (\$)	:
<u>1975</u>					<u>1977</u>					
Colorado	3	5,037	13,576		Idaho	2	3,941	27,006		
Nevada	10	23,296	975,438		Nevada	11	21,663	128,384		
New Mexico	9	18,476	359,683		New Mexico	16	23,115	587,778		
Oregon	1	1,347	13,822		Oregon	10	17,929	70		
Utah	21	42,801	3,553,312							
TOTAL	44	90,957	4,915,831		TOTAL	39	66,648	743,238		

<u>1976</u>			
California	5	10,584	134,533
Idaho	10	20,964	164,470
Nevada	25	50,410	678,300
Oregon	27	49,598	314,295
Utah	18	33,730	126,184
TOTAL	85	165,286	1,417,782

<u>1978</u>			
California	2	2,857	780,451
Idaho	4	6,985	30,453
Nevada	12	23,439	681,865
New Mexico	18	30,017	514,789
Oregon	30	60,685	371,910
Utah	7	11,138	668,784
TOTAL	73	135,121	3,048,252

AVERAGE BONUS PER ACRE \$55.14

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPT. OF INTERIOR

<u>1979</u>			
California	13	11,355	16,814,765
Nevada	4	7,718	70,275
New Mexico	7	8,768	72,640
Oregon	4	5,818	86,582
Utah	3	1,658	33,822
TOTAL	31	35,317	17,078,084
TOTAL TO DATE	272	493,329	27,203,187

COMPETITIVE GEOTHERMAL STEAM LEASE SALES ON FEDERAL LANDS

FISCAL YEAR	NO.	ACRES LEASED	BONUS RECEIVED (\$)	FISCAL YEAR	NO.	ACRES LEASED	BONUS RECEIVED (\$)
1980							
Nevada	15	30,813	38,632				
New Mexico	4	7,063	240,632				
Oregon	12	20,971	474,814				
TOTAL	31	58,847	754,078				
TOTAL TO DATE	303	552,176	27,957,265				

AVERAGE BONUS PER ACRE \$50.63

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPT. OF INTERIOR

COMPETITIVE STATISTICS

PUBLIC LANDS

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(BARRELS)		OIL
CALIFORNIA	22,065	1,493,083	151,360
COLORADO	4,189,592	77,536,212	14,170,913
KANSAS	12,956	246,006	30,763
LOUISIANA	6,301	167,618	20,956
MISSISSIPPI	1,339	23,270	2,893
MONTANA	941,512	14,022,046	1,923,542
NEBRASKA	78,186	2,580,945	453,556
NEW MEXICO	944,108	23,122,312	3,141,603
NORTH DAKOTA	162,269	2,219,483	294,613
OKLAHOMA	35,038	974,201	126,023
SOUTH DAKOTA	1,688	64,423	8,053
UTAH	180,585	3,464,737	553,511
WYOMING	21,268,963	534,779,433	70,990,883
TOTAL	27,844,602	660,693,769	91,868,669
	(MCF)		GAS
ARKANSAS	286,152	557,843	69,730
CALIFORNIA	10,169	37,763	4,721
COLORADO	8,018,621	10,816,468	1,364,610
KANSAS	3,041,167	1,955,863	244,484
LOUISIANA	140,156	251,686	31,461
MONTANA	3,053,817	1,827,707	212,979
NEBRASKA	438,667	662,771	110,462
NEW MEXICO	21,283,113	42,841,866	5,354,565
NORTH DAKOTA	133,690	123,356	15,420
OKLAHOMA	2,777,579	8,429,507	794,650
UTAH	1,883,511	4,014,133	502,838
WYOMING	9,906,710	14,961,211	1,991,101
TOTAL	50,973,352	86,480,174	10,697,021

NOTE: Production from competitive leases is included in the totals on PART 4 PRODUCTION AND REVENUE. Of the total Public and Acquired Land production, about 19 percent of the oil and 6 percent of the gas was produced from competitive leases.

COMPETITIVE STATISTICS

PUBLIC LANDS

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(GALLONS)	GASOLINE AND LPG	
CALIFORNIA	6,380	3,259	135
COLORADO	1,918,649	3,544,884	285,713
LOUISIANA	125,537	315,534	4,490
MONTANA	1,690,813	875,783	31,537
NEBRASKA	849,494	361,715	13,883
NEW MEXICO	3,290,738	1,261,701	52,760
OKLAHOMA	71,141	320,839	2,604
UTAH	55,922	32,508	1,355
WYOMING	5,095,332	2,350,691	38,136
TOTAL	13,104,006	9,066,914	430,613
	(TONS)	SULFUR	
MONTANA	1,656	51,978	2,166
NEW MEXICO	7	388	48
WYOMING	61,030	155,698	6,488
TOTAL	62,693	208,064	8,702
	(MCF)	CO-2	
COLORADO	33,619	69,717	6,513
	(BARRELS)	OIL LOST	
CALIFORNIA	158	4,357	545
	(MCF)	GAS LOST	
NEBRASKA	13,888	19,701	3,283
NEW MEXICO	31	5	1
TOTAL	13,919	19,706	3,284
TOTAL PUBLIC		756,542,701	103,015,347

COMPETITIVE STATISTICS

ACQUIRED LANDS

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)		OIL
ARKANSAS	478	7,257	1,209
CALIFORNIA	62,365	1,604,409	275,599
KANSAS	43,661	551,006	110,201
KENTUCKY	6,497	242,734	36,406
LOUISIANA	357,425	6,092,308	967,961
MICHIGAN	41,803	1,011,644	122,726
MISSISSIPPI	29,067	637,393	82,477
NORTH DAKOTA	130,523	2,653,053	367,976
OHIO	1,481	55,347	6,902
OKLAHOMA	20,460	609,062	85,584
TEXAS	70,704	964,153	148,462
UTAH	6,971	49,176	6,147
WYOMING	9,761	347,348	52,433
TOTAL	781,196	14,824,890	2,264,083
	(MCF)		GAS
ARKANSAS	3,471,318	5,434,820	837,885
CALIFORNIA	30,230	55,562	9,015
COLORADO	5,844	21,836	2,729
KANSAS	248,657	77,937	12,803
LOUISIANA	10,605,315	6,790,956	1,078,198
MICHIGAN	27,072	46,394	611
MONTANA	99,549	117,977	14,749
NORTH DAKOTA	(26,260)	(20,704)	(2,588)
OKLAHOMA	1,551,151	2,581,687	355,623
TEXAS	136,522	113,259	16,481
UTAH	3,755	7,725	966
TOTAL	16,153,153	15,227,449	2,326,472

Lease Status - All Lands
OIL & GAS and Mining Operations
December 31, 1980

OIL AND GAS LEASES UNDER SUPERVISION								
STATE	PUBLIC		ACQUIRED		INDIAN		TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
ALABAMA	84	2,592	393	302,720	---	---	467	305,312
ALASKA	50	77,712	---	---	---	---	50	77,712
ARIZONA	2,325	4,563,447	17	17,211	41	52,826	2,383	4,633,484
ARKANSAS	408	539,451	766	728,348	---	---	1,174	1,267,799
CALIFORNIA	1,691	767,772	38	8,070	---	---	1,729	775,842
COLORADO	8,660	2,560,666	631	335,700	241	244,845	9,532	3,141,211
FLORIDA	123	77,486	237	462,438	2	5,110	362	545,034
GEORGIA	---	---	---	---	---	---	---	---
IDAH0	2,229	4,162,277	66	100,071	---	---	2,295	4,262,348
ILLINOIS	---	---	12	2,567	---	---	12	2,567
INDIANA	---	---	9	2,691	---	---	9	2,691
KANSAS	199	61,068	127	24,295	39	3,907	365	89,250
KENTUCKY	---	---	146	129,300	---	---	146	129,300
LOUISIANA	267	32,769	549	321,619	---	---	816	354,388
MARYLAND	---	---	5	5,522	---	---	5	5,522
MICHIGAN	167	146,867	532	159,575	1	19	700	346,461
MINNESOTA	---	---	---	---	---	---	---	---
MISSISSIPPI	239	22,067	2,918	898,957	73	5,301	3,190	926,325
MISSOURI	1	256	2	2,681	---	---	3	2,937
MONTANA	9,994	9,596,052	1,891	1,460,277	2,192	662,272	14,077	11,760,601
NEBRASKA	578	222,050	142	141,655	---	---	720	363,705
NEVADA	9,027	14,544,637	7	3,697	---	---	9,034	14,548,334
NEW MEXICO	13,326	10,043,403	202	224,015	1,740	1,094,339	15,298	11,361,757
NEW YORK	---	---	16	35,345	---	---	16	35,345
NORTH CAROLINA	---	---	---	---	---	---	---	---
NORTH DAKOTA	912	353,459	1,578	1,149,487	1,836	273,750	4,128	1,776,696
OHIO	---	---	51	20,950	---	---	51	20,950
OKLAHOMA	833	116,576	426	215,985	5,004	429,358	6,263	761,919
OREGON	495	672,253	21	14,606	---	---	516	686,859
PENNSYLVANIA	---	---	7	2,619	---	---	7	2,619
SOUTH DAKOTA	1,256	1,566,338	367	451,080	113	21,235	1,736	2,038,653
TENNESSEE	---	---	50	57,233	---	---	50	57,233
TEXAS	---	---	382	305,124	---	---	382	305,124
UTAH	16,981	21,895,196	147	12,245	2,074	290,063	19,202	22,267,504
VIRGINIA	---	---	236	442,573	---	---	236	442,573
WASHINGTON	75	80,390	12	15,168	---	---	87	105,558
WEST VIRGINIA	---	---	241	360,441	---	---	241	360,441
WISCONSIN	---	---	---	---	---	---	---	---
WYOMING	35,056	22,596,578	398	143,346	1,170	527,236	36,633	23,267,160
TOTAL 12/31/80	105,196	100,116,532	12,622	8,757,889	14,320	3,673,241	132,138	112,547,662
TOTAL 12/31/79	105,135	94,670,247	12,575	8,614,674	13,735	4,155,335	131,445	107,440,256

OUTER CONTINENTAL SHELF

OFF ALABAMA	5	28,495
OFF ALASKA	96	495,680
OFF CALIFORNIA	142	760,685
OFF FLORIDA	35	201,600
OFF LOUISIANA	1,411	6,156,880
OFF TEXAS	333	1,765,646
OFF ATLANTIC	232	1,320,776
TOTAL	2,254	10,729,762
TOTAL	2,161	10,337,453
GRAND TOTAL		
** DOES NOT INCLUDE USACE NATION,	12/31/80	134,392 123,277,424
4,105 OIL & GAS LEASES, 1,093,457	12/31/79	133,606 117,777,709
ACRES, AND 10 MINING LEASES,		
1,838 ACRES. (9/30/80)		

NOTE: THE ABOVE REPORT DOES NOT
INCLUDE THE FOLLOWING:

GEOTHERMAL LEASES			
LAND	STATE	NUMBER	ACREAGE
FEDERAL	ARIZONA	13	21,541
	CALIFORNIA	56	56,112
	COLORADO	25	35,913
	IDAH0	86	153,427
	NEVADA	666	1,142,323
	NEW MEXICO	118	204,319
	OREGON	242	390,512
	UTAH	260	438,900
	VIRGINIA	11	10,774
	WASHINGTON	2	5,120
	WYOMING	2	4,684
INDIAN	CALIFORNIA	1	129
(PEAK) NEVADA		1	79,590
TOTAL		1,483	2,582,365

Lease Status - All Lands
Oil & Gas and Mining Operations
December 31, 1980
(continued)

MINING LEASES UNDER SUPERVISION											
STATE	PUBLIC		ACQUIRED		INDIAN		TOTAL		STATE	GRAND TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE		NUMBER	ACREAGE
ALABAMA	2	2,908	1	40	---	---	3	2,948	ALABAMA	470	308,550
ALASKA	4	2,593	---	---	2	236	6	2,829	ALASKA	56	10,541
ARIZONA	11	11,240	---	---	45	76,649	57	87,889	ARIZONA	2,440	4,721,873
ARKANSAS	---	---	12	942	---	---	12	942	ARKANSAS	1,266	1,265,241
CALIFORNIA	33	29,039	4	819	1	708	38	31,466	CALIFORNIA	1,967	607,308
COLORADO	163	261,361	18	8,001	---	---	181	269,362	COLORADO	9,703	8,810,591
FLORIDA	1	120	3	365	---	---	4	485	FLORIDA	389	595,519
GEORGIA	---	---	6	1,064	---	---	6	1,064	GEORGIA	6	1,064
IDAHO	91	48,142	3	560	141	21,806	235	70,508	IDAHO	2,530	4,332,856
ILLINOIS	---	---	9	3,539	---	---	9	3,539	ILLINOIS	21	6,106
INDIANA	---	---	---	---	---	---	---	---	INDIANA	9	2,691
KANSAS	---	---	---	---	---	---	---	---	KANSAS	365	95,250
KENTUCKY	---	---	3	2,224	---	---	3	2,224	KENTUCKY	149	131,604
LOUISIANA	---	---	---	---	---	---	---	---	LOUISIANA	816	354,388
MARYLAND	---	---	---	---	---	---	---	---	MARYLAND	5	5,522
MICHIGAN	---	---	---	---	---	---	---	---	MICHIGAN	700	346,461
MINNESOTA	---	---	10	11,036	---	---	10	11,036	MINNESOTA	10	11,036
MISSISSIPPI	---	---	---	---	---	---	---	---	MISSISSIPPI	3,180	926,325
MISSOURI	---	---	122	168,387	---	---	122	168,387	MISSOURI	125	171,324
MONTANA	52	59,417	---	---	48	475,884	100	539,301	MONTANA	14,117	12,299,902
NEBRASKA	---	---	---	---	---	---	---	---	NEBRASKA	720	383,705
NEVADA	39	46,251	---	---	4	306,607	43	346,898	NEVADA	9,077	14,895,232
NEW MEXICO	230	375,236	2	609	212	474,596	445	850,435	NEW MEXICO	15,743	12,212,192
NEW YORK	---	---	---	---	---	---	---	---	NEW YORK	16	35,345
NORTH CAROLINA	---	---	23	19,703	---	---	23	19,703	NORTH CAROLINA	23	19,703
NORTH DAKOTA	20	17,744	1	10	1	34,232	22	51,986	NORTH DAKOTA	4,150	1,828,662
OHIO	---	---	1	567	---	---	1	567	OHIO	52	21,517
OKLAHOMA	48	74,621	---	---	17	1,812	65	76,443	OKLAHOMA	6,328	838,362
OREGON	3	5,403	---	---	---	---	3	5,403	OREGON	519	692,262
PENNSYLVANIA	---	---	2	80	---	---	2	80	PENNSYLVANIA	9	2,699
SOUTH DAKOTA	---	---	---	---	1	30	30	30	SOUTH DAKOTA	1,737	2,038,603
TENNESSEE	---	---	3	1,545	---	---	3	1,545	TENNESSEE	53	98,778
TEXAS	---	---	---	---	---	---	---	---	TEXAS	382	305,124
UTAH	270	399,994	---	---	3	340	273	400,334	UTAH	19,475	72,667,638
VIRGINIA	---	---	1	355	---	---	1	355	VIRGINIA	237	442,528
WASHINGTON	3	561	---	---	73	61,574	76	62,135	WASHINGTON	163	167,693
WEST VIRGINIA	---	---	---	---	---	---	---	---	WEST VIRGINIA	241	360,441
WISCONSIN	---	---	40	41,238	---	---	40	41,238	WISCONSIN	40	41,238
WYOMING	121	265,828	5	560	12	8,376,554	138	8,642,982	WYOMING	36,771	31,965,142
TOTAL 12/31/801,091									TOTAL 12/31/80	134,060	124,239,716
TOTAL 12/31/791,104									TOTAL 12/31/79	133,429	117,613,942
OUTER CONTINENTAL SHELF									OUTER CONTINENTAL SHELF		
---	---	---	---	---	---	---	---	---	OFF ALABAMA	5	28,495
---	---	---	---	---	---	---	---	---	OFF ALASKA	96	455,680
---	---	---	---	---	---	---	---	---	OFF CALIFORNIA	142	760,685
---	---	---	---	---	---	---	---	---	OFF FLORIDA	35	201,600
---	---	---	---	---	---	---	---	---	OFF LOUISIANA	1,413	6,161,875
---	---	---	---	---	---	---	---	---	OFF TEXAS	333	1,765,646
---	---	---	---	---	---	---	---	---	OFF ATLANTIC	232	1,320,776
12/31/80									TOTAL 12/31/80	2,256	10,734,757
12/31/79									TOTAL 12/31/79	2,162	10,339,948
GRAND TOTAL									GRAND TOTAL		
12/31/80									12/31/80	136,316	134,974,473
12/31/79									12/31/79	135,591	127,953,890

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY CONSERVATION DIVISION

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION

YEARS	OIL AND GAS LEASES UNDER SUPERVISION								MINING LEASES UNDER SUPERVISION								GRAND TOTAL	
	PUBLIC		ACQUIRED		INDIAN a/		TOTAL		PUBLIC		ACQUIRED		INDIAN a/		TOTAL		GRAND TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
12/31/40	6,658	7,994,748	-	-	4,160	638,361	10,818	8,633,109	678	352,555	-	-	155	40,140	833	392,695	11,651	9,025,804
12/31/45	7,831	5,451,637	-	-	4,895	569,345	12,726	6,020,932	569	453,009	-	-	240	41,227	809	494,236	13,535	6,515,218
12/31/50	34,871	27,187,034	555	604,326	6,820	1,021,205	42,246	28,812,565	913	958,225	91	21,633	248	42,136	1,252	1,021,994	43,498	29,834,559
12/31/55	97,818	72,296,632	3,692	3,572,628	11,552	3,316,597	113,062	79,185,857	1,126	1,519,129	258	146,176	722	1,144,293	2,106	2,809,598	115,168	81,995,455
							606	2,351,732							5	25,000	611	2,376,732
							113,668	81,537,589							2,111	2,834,598	115,779	84,372,187
12/31/59	137,137	110,801,213	6,553	4,741,836	12,465	4,439,626	156,155	119,982,675	2,922	5,209,074	340	205,693	816	2,309,212	4,078	7,723,979	160,233	127,706,654
							384	1,465,106							5	22,000	389	1,487,106
							156,539	121,447,781							4,083	7,745,979	160,622	129,193,760
12/31/60	136,062	109,317,405	6,611	4,697,078	11,877	4,355,353	154,550	118,369,836	2,228	3,744,777	304	202,562	749	2,107,192	3,281	6,054,531	157,831	124,424,307
							464	1,968,820							5	22,000	469	1,990,820
							155,014	120,338,656							3,286	6,076,531	158,300	126,415,187
12/31/64	103,027	67,140,338	7,557	5,093,126	10,539	3,941,818	121,123	76,175,282	1,453	1,919,736	195	124,728	681	5,165,628	2,329	7,210,092	123,452	83,385,374
							975	4,365,921							6	9,453	981	4,375,374
							122,098	80,541,203							2,335	7,219,545	124,433	87,760,748
12/31/65	98,999	62,685,327	7,694	4,980,007	10,436	3,963,572	117,129	71,628,906	1,707	2,255,713	345	321,795	663	1,352,459	2,715	3,929,967	119,844	75,558,873
							931	4,120,417							6	9,453	937	4,219,870
							118,060	75,749,323							2,721	3,939,420	120,781	79,688,743

a/ Except Osage

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (cont.)

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- CONSERVATION DIVISION
OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (con't)

YEAR	OIL AND GAS LEASES UNDER SUPERVISION								MINING LEASES UNDER SUPERVISION								GRAND TOTAL	
	PUBLIC		ACQUIRED		INDIAN /a		TOTAL		PUBLIC		ACQUIRED		INDIAN /a		TOTAL		GRAND TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage	Number	Acreage
12/31/79	105,135	94,670,247	12,575	8,614,674	13,735	4,155,335	131,445	107,440,256	1,104	1,620,235	229	236,567	651	8,316,784	1,984	10,173,686	133,429	117,613,942
				OUTER CONTINENTAL SHELF			2,161	10,337,453				OUTER CONTINENTAL SHELF			1	2,495	2,162	10,339,948
				GRAND TOTAL			133,606	117,777,709				GRAND TOTAL			1,985	10,176,181	135,591	127,953,890
12/31/80	105,196	100,116,532	12,622	8,757,889	14,320	3,673,241	132,138	112,547,662	1,091	1,601,342	269	261,644	562	9,829,068	1,922	11,692,054	134,060	124,239,716
				OUTER CONTINENTAL SHELF			2,254	10,729,762				OUTER CONTINENTAL SHELF			2	4,995	2,256	10,734,757
				GRAND TOTAL			134,392	123,277,424				GRAND TOTAL			1,924	11,697,049	136,316	135,974,473

PRODUCIBLE LEASE STATUS
OIL AND GAS
All Lands
December 31, 1980

Land Category	Number	Acres
Public	12,535	7,056,763
Outer Continental Shelf	1,168	5,299,871
Acquired	761	410,206
Military & Miscellaneous	36	29,097
Indian	<u>3,459</u>	<u>1,183,908</u>
12/31/80 Total	<u>17,959</u>	<u>13,979,845</u>
12/31/79 Total	<u>16,906</u>	<u>12,474,474</u>
Increase	<u>1,053</u>	<u>1,505,371</u>
Percent Increase	<u>6.23%</u>	<u>12.07%</u>

PRODUCIBLE LEASE STATUS
OIL AND GAS
AS OF DECEMBER 31, 1980

PUBLIC LAND			ACQUIRED LAND		
: STATE	NO.	ACRES	: STATE	NO.	ACRES :
Alabama	4	289	Alabama	2	627
Alaska	34	63,081	Arkansas	51	30,426
Arkansas	21	2,986	California	15	2,096
California	327	138,674	Colorado	20	5,139
Colorado	1,015	704,372	Florida	1	1,895
Kansas	103	37,913	Illinois	2	20
Louisiana	66	11,050	Kansas	77	16,346
Mississippi	5	227	Kentucky	4	6,883
Montana	1,022	573,485	Louisiana	26	16,284
Nebraska	10	3,662	Maryland	3	3,763
Nevada	39	11,269	Michigan	13	4,141
New Mexico	4,519	2,681,631	Mississippi	88	45,687
North Dakota	131	79,401	Montana	73	61,062
Oklahoma	399	52,877	Nebraska	4	368
South Dakota	23	14,930	New Mexico	12	3,396
Utah	678	539,146	North Dakota	147	124,358
Wyoming	4,139	2,141,770	Ohio	16	4,020
			Oklahoma	89	24,960
			South Dakota	1	760
TOTAL PUBLIC	<u>12,535</u>	<u>7,056,763</u>	Texas	29	10,137
			Utah	13	1,244
			Virginia	1	2,168
			West Virginia	21	27,618
			Wyoming	<u>53</u>	<u>16,808</u>
			TOTAL ACQUIRED	<u>761</u>	<u>410,206</u>

PRODUCIBLE LEASE STATUS
OIL AND GAS
AS OF DECEMBER 31, 1980

INDIAN LAND			MILITARY AND MISCELLANEOUS LAND		
STATE	NO.	ACRES	STATE	NO.	ACRES
Arizona	12	21,331	Arkansas	16	9,181
Colorado	100	139,658	Kentucky	2	890
Michigan	1	18	Louisiana	6	12,689
Montana	412	98,927	Mississippi	1	10
New Mexico	453	508,518	Nebraska	1	640
North Dakota	19	3,812	Oklahoma	3	3,408
Oklahoma	1,610	145,603	Texas	7	2,279
South Dakota	3	739			
Utah	749	210,666			
Wyoming	100	54,636			
			TOTAL MILITARY	<u>36</u>	<u>29,097</u>
TOTAL INDIAN	<u>3,459</u>	<u>1,183,908</u>			

OUTER CONTINENTAL SHELF		
STATE	NO.	ACRES
California	23	116,269
Louisiana	956	4,186,162
Texas	189	997,440
TOTAL OCS	<u>1,168</u>	<u>5,299,871</u>

PRODUCIBLE OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION
1921-1980

Year ^{a/}	PUBLIC		O.C.S.		ACQUIRED		MILITARY		N.P.R.		INDIAN		GRAND TOTAL	
	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total
1921	124	2,727	-	-	-	-	-	-	-	-	-	-	124	2,727
1922	209	7,834	-	-	-	-	-	-	-	-	-	-	209	7,834
1923	278	11,433	-	-	-	-	-	-	-	-	-	-	278	11,433
1924	323	15,196	-	-	-	-	-	-	-	-	-	-	323	15,196
1925	346	18,555	-	-	-	-	-	-	-	-	-	-	346	18,555
1926	402	21,787	-	-	-	-	-	-	12	27	1,225	12,703	1,639	34,517
1927	438	25,595	-	-	-	-	-	-	12	27	1,270	12,008	1,720	37,630
1928	479	22,269	-	-	-	-	-	-	12	27	1,279	10,667	1,770	32,963
1929	511	16,039	-	-	-	-	-	-	12	27	1,297	10,773	1,820	26,839
1930	532	7,158	-	-	-	-	-	-	12	25	1,312	10,601	1,856	17,784
1931	585	5,788	-	-	-	-	-	-	12	25	1,217	9,253	1,814	15,066
1932	598	4,778	-	-	-	-	-	-	12	25	1,150	6,127	1,760	10,930
1933	618	5,251	-	-	-	-	-	-	12	24	1,036	4,459	1,666	9,734
1934	671	6,086	-	-	-	-	-	-	12	24	1,057	4,668	1,740	10,778
1935	700	7,339	-	-	-	-	-	-	12	24	1,030	4,812	1,742	12,175
1936	742	8,327	-	-	-	-	-	-	12	23	1,044	5,592	1,798	13,942
1937	777	9,052	-	-	-	-	-	-	12	22	986	5,342	1,775	14,416
1938	737	8,605	-	-	-	-	-	-	12	22	983	5,382	1,732	14,009
1939	720	8,560	-	-	-	-	-	-	12	22	1,049	4,984	1,781	13,566
1940	717	6,504	-	-	-	-	-	-	12	22	1,044	4,519	1,773	11,045
1941	730	5,325	-	-	-	-	-	-	12	22	1,043	4,123	1,785	9,470
1942	737	4,329	-	-	-	-	-	-	12	22	1,040	4,283	1,789	8,634
1943	761	5,162	-	-	-	-	-	-	12	21	1,037	4,221	1,810	9,404
1944	907	6,075	-	-	-	-	-	-	12	21	1,073	4,573	1,992	10,669
1945	1,193	7,810	-	-	-	-	-	-	12	21	1,015	4,895	2,220	12,726
1946	1,489	9,847	-	-	10	161	-	-	12	21	1,041	5,357	2,552	15,386
1947	1,775	10,917	-	-	12	162	-	-	12	21	1,060	5,864	2,859	16,964
1948	1,891	18,199	-	-	14	257	-	-	12	21	1,036	6,242	2,953	24,719
1949	1,992	23,628	-	-	27	480	-	-	12	17	1,040	6,442	3,071	30,567

PRODUCIBLE OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION

(continued)

1921 - 1980

Year	a/ : : Prod.	PUBLIC : Total:	OCS : Prod. Total:	ACQUIRED : Prod. Total:	MILITARY :c/ Prod. Total:	NPR : Prod. Total:	INDIAN : Prod. Total:	GRAND TOTAL Total
			b/ b/					
1950	2,125	34,769	74 85	34 555	- -	12 17	1,067 6,820	3,312 42,246
1951	2,262	50,992	- -	42 1,047	- -	12 17	1,097 7,289	3,413 59,345
1952	2,525	70,511	- -	56 1,644	- -	13 17	1,136 7,869	3,730 80,041
1953	2,849	83,349	- -	54 2,495	8 12	13 17	1,235 9,182	4,159 95,055
1954	3,192	92,597	58 478	80 3,050	8 12	13 17	1,381 10,615	4,732 106,769
1955	3,508	97,801	108 606	87 3,682	8 10	13 17	1,505 11,552	5,229 113,668
1956	3,783	104,637	171 557	104 4,408	10 15	13 17	1,647 11,374	5,728 121,008
1957	4,156	111,349	213 416	119 4,856	14 16	13 17	1,780 11,963	6,295 128,617
1958	4,584	122,791	230 387	143 5,932	15 16	13 17	1,852 12,260	6,837 141,403
1959	4,920	137,120	272 384	251 6,537	15 16	12 17	1,874 12,465	7,344 156,539
1960	5,064	136,045	293 464	284 6,592	17 19	12 17	1,894 11,877	7,564 155,014
1961	5,623	133,788	309 457	298 6,571	21 21	12 17	1,982 11,366	8,245 152,220
1962	6,074	124,786	326 846	332 7,161	21 22	12 17	2,027 11,068	8,792 143,900
1963	6,292	110,090	357 881	369 6,744	22 22	12 17	2,103 10,719	9,155 128,473
1964	6,498	103,010	369 975	415 7,535	22 22	12 17	2,146 10,539	9,462 122,098
1965	6,764	98,982	419 931	452 7,666	24 28	12 17	2,173 10,436	9,844 118,060
1966	6,909	95,484	482 927	481 7,636	23 25	12 17	2,213 9,530	10,120 113,619
1967	7,122	90,780	519 842	498 7,571	27 31	12 17	2,306 8,677	10,484 107,918
1968	7,739	95,489	531 1,006	518 8,753	26 28	12 17	2,301 9,120	11,127 114,413
1969	8,002	99,030	561 1,004	518 9,322	26 29	12 17	2,292 9,082	11,411 118,484
1970	8,260	97,447	601 1,005	520 9,341	27 38	11 17	2,317 9,150	11,736 116,998
1971	8,413	94,075	642 1,072	515 9,118	30 37	12 17	2,315 9,537	11,927 113,856
1972	8,710	94,204	691 1,014	526 9,239	31 43	12 17	2,361 9,655	12,331 114,172
1973	8,943	94,937	719 1,258	548 10,452	36 40	12 17	2,414 10,315	12,672 117,019
1974	9,311	101,167	741 1,582	567 11,254	38 40	12 17	2,458 11,174	13,127 125,234
1975	9,704	102,085	790 1,784	558 11,752	37 39	13 17	2,649 11,827	13,751 127,504
1976	10,141	101,368	833 1,993	566 11,136	42 42	- -	2,792 13,271	14,374 127,810
1977	10,704	103,053	896 2,146	600 11,130	36 40	- -	2,879 12,783	15,115 129,152
1978	11,229	104,385	931 2,096	641 11,367	35 37	- -	3,136 14,868	15,972 132,753
1979	11,816	105,135	1,001 2,161	695 12,539	35 36	- -	3,359 13,735	16,906 133,606
1980	12,535	105,196	1,168 2,254	761 12,586	36 36	- -	3,459 14,320	17,959 134,392

a/ Fiscal years ended June 30, 1921-1943; calendar years ended December 31, 1944 to date.
Naval Petroleum Reserve and Indian lease data not available for earlier years. Some producing leases are estimated.

b/ Tide and Submerged, California. c/ Transferred to the Dept. of Navy October 1, 1976.

PRODUCIBLE AND NONPRODUCING
GEOHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	PRODUCIBLE		NONPRODUCING		TOTAL	
STATE	Number	Acreage	Number	Acreage	Number	Acreage
<u>PUBLIC LAND</u>						
<u>1974</u>						
California	--	--	19	22,448	19	22,448
Nevada	--	--	1	1,852	1	1,852
Oregon	--	--	1	1,347	1	1,347
Utah	--	--	12	25,355	12	25,355
TOTAL PUBLIC	--	--	33	51,002	33	51,002
<u>PUBLIC LAND</u>						
<u>1975</u>						
Arizona	--	--	4	6,507	4	6,507
California	5	6,125	20	23,429	25	29,554
Colorado	--	--	27	29,947	27	29,947
Idaho	--	--	56	93,631	56	93,631
Nevada	--	--	238	446,824	238	446,824
New Mexico	--	--	57	124,697	57	124,697
Oregon	--	--	27	53,650	27	53,650
Utah	1	2,463	113	196,372	114	198,835
TOTAL PUBLIC	6	8,588	542	975,057	548	983,645
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	285,580	2	285,580
TOTAL INDIAN	--	--	4	286,180	4	286,180
GRAND TOTAL 1975	6	8,588	546	1,261,237	552	1,269,825

(continued)
 PRODUCIBLE AND NONPRODUCING
 GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	PRODUCIBLE		NONPRODUCING		TOTAL	
STATE	Number	Acreage	Number	Acreage	Number	Acreage
<u>PUBLIC LAND</u>						
<u>1976</u>						
Arizona	--	--	4	5,408	4	5,408
California	7	9,594	29	43,763	36	53,357
Colorado	--	--	36	39,519	36	39,519
Idaho	--	--	85	140,380	85	140,380
Montana	--	--	6	8,445	6	8,445
Nevada	--	--	360	591,880	360	591,880
New Mexico	--	--	86	153,320	86	153,320
Oregon	--	--	84	126,087	84	126,087
Utah	1	2,463	209	339,535	210	341,998
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	903	1,455,785	911	1,467,842
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190
GRAND TOTAL 1976	8	12,057	907	1,747,975	915	1,760,032

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	PRODUCIBLE		NONPRODUCING		TOTAL	
STATE	Number	Acreage	Number	Acreage	Number	Acreage
<u>1977</u>						
<u>PUBLIC LAND</u>						
Arizona	--	--	5	7,148	5	7,148
California	7	9,594	28	39,288	35	48,882
Colorado	--	--	28	34,404	28	34,404
Idaho	--	--	128	221,131	128	221,131
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	406	697,254	406	697,254
New Mexico	--	--	89	159,446	89	159,446
Oregon	--	--	125	191,035	125	191,035
Utah	1	2,463	233	399,333	234	401,796
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	1,052	1,767,174	1,060	1,779,231
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190
GRAND TOTAL 1977	8	12,057	1,056	2,059,364	1,064	2,071,421

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

: YEAR (DEC. 31) :	PRODUCIBLE :		NONPRODUCING :		TOTAL :	
: STATE :	Number :	Acreage :	Number :	Acreage :	Number :	Acreage :

1978

PUBLIC LAND

Arizona	--	--	5	7,148	5	7,148
California	7	9,512	39	52,891	46	62,403
Colorado	--	--	24	31,200	24	31,200
Idaho	--	--	178	319,091	178	319,091
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	400	686,276	400	686,276
New Mexico	--	--	94	166,654	94	166,654
Oregon	--	--	145	227,085	145	227,085
Utah	3	6,985	247	412,953	250	419,938
Virginia	--	--	11	19,774	11	19,774
Wyoming	--	--	4	7,448	4	7,448

TOTAL PUBLIC	10	16,497	1,153	1,941,207	1,163	1,957,704
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INDIAN LAND

California	--	--	2	600	2	600
Nevada (Permit)	--	--	1	79,590	1	79,590

TOTAL INDIAN	--	--	3	80,190	3	80,190
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GRAND TOTAL 1978	10	16,497	1,156	2,021,397	1,166	2,037,894
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PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

: YEAR (DEC. 31) :	PRODUCING		:	PRODUCIBLE		:	NONPRODUCING		:	TOTAL		:
: STATE :	Number	Acreage	:	Number	Acreage	:	Number	Acreage	:	Number	Acreage	:
<u>1979</u>												
Arizona	-	-	-	-	-	13	21,541	13	21,541			
California	2	513	8	9,422	43	56,496	53	66,431				
Colorado	-	-	-	-	24	34,597	24	34,597				
Idaho	-	-	-	-	108	199,168	108	199,168				
Nevada	-	-	10	11,698	507	891,187	517	902,885				
New Mexico	1	2,501	-	-	122	221,389	123	223,890				
Oregon	-	-	-	-	159	244,551	159	244,551				
Utah	-	-	10	18,641	269	453,693	279	472,334				
Virginia	-	-	-	-	11	19,774	11	19,774				
Wyoming	-	-	-	-	4	7,448	4	7,448				
TOTAL PUBLIC	3	3,014	28	39,761	1,260	2,149,844	1,291	2,192,619				
<u>INDIAN LAND</u>												
California	-	-	-	-	2	600	2	600				
Nevada (Permit)	-	-	-	-	1	79,590	1	79,590				
TOTAL INDIAN	-	-	-	-	3	80,190	3	80,190				
GRAND TOTAL 1979	3	3,014	28	39,761	1,263	2,230,034	1,294	2,272,809				

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (Dec. 31)	PRODUCING		PRODUCIBLE		NONPRODUCING		TOTAL	
STATE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
<u>1980</u>								
Arizona					13	21,541	13	21,541
California	6	5,959	6	5,959	50	60,153	56	66,112
Colorado					25	35,913	25	35,913
Idaho					86	153,427	86	153,427
Nevada					666	1,142,323	666	1,142,323
New Mexico	1	2,501	1	2,501	117	201,818	118	204,319
Oregon					242	390,582	242	390,582
Utah					260	438,900	260	438,900
Virginia					11	19,774	11	19,774
Washington					2	5,120	2	5,120
Wyoming					2	4,644	2	4,644
TOTAL PUBLIC	<u>7</u>	<u>8,460</u>	<u>7</u>	<u>8,460</u>	<u>1,474</u>	<u>2,474,195</u>	<u>1,481</u>	<u>2,482,655</u>

INDIAN LAND

California					1	120	1	120
Nevada (Permit)					1	79,590	1	79,590
TOTAL INDIAN					<u>2</u>	<u>79,710</u>	<u>2</u>	<u>79,710</u>
GRAND TOTAL 1980	<u>7</u>	<u>8,460</u>	<u>7</u>	<u>8,460</u>	<u>1,476</u>	<u>2,553,905</u>	<u>1,483</u>	<u>2,562,365</u>

PART 3

FEDERAL AND INDIAN LANDS DEVELOPMENT

This part provides statistical data on the well activity, well status, and unitization agreements.

Number	Activity	Number	Activity	Number	Activity
1	PRODUCING	1	PRODUCING	1	PRODUCING
2	NONPRODUCING	2	NONPRODUCING	2	NONPRODUCING
3	ACREAGE	3	ACREAGE	3	ACREAGE
4	ACREAGE	4	ACREAGE	4	ACREAGE
5	ACREAGE	5	ACREAGE	5	ACREAGE
6	ACREAGE	6	ACREAGE	6	ACREAGE
7	ACREAGE	7	ACREAGE	7	ACREAGE
8	ACREAGE	8	ACREAGE	8	ACREAGE
9	ACREAGE	9	ACREAGE	9	ACREAGE
10	ACREAGE	10	ACREAGE	10	ACREAGE
11	ACREAGE	11	ACREAGE	11	ACREAGE
12	ACREAGE	12	ACREAGE	12	ACREAGE
13	ACREAGE	13	ACREAGE	13	ACREAGE
14	ACREAGE	14	ACREAGE	14	ACREAGE
15	ACREAGE	15	ACREAGE	15	ACREAGE
16	ACREAGE	16	ACREAGE	16	ACREAGE
17	ACREAGE	17	ACREAGE	17	ACREAGE
18	ACREAGE	18	ACREAGE	18	ACREAGE
19	ACREAGE	19	ACREAGE	19	ACREAGE
20	ACREAGE	20	ACREAGE	20	ACREAGE
21	ACREAGE	21	ACREAGE	21	ACREAGE
22	ACREAGE	22	ACREAGE	22	ACREAGE
23	ACREAGE	23	ACREAGE	23	ACREAGE
24	ACREAGE	24	ACREAGE	24	ACREAGE
25	ACREAGE	25	ACREAGE	25	ACREAGE
26	ACREAGE	26	ACREAGE	26	ACREAGE
27	ACREAGE	27	ACREAGE	27	ACREAGE
28	ACREAGE	28	ACREAGE	28	ACREAGE
29	ACREAGE	29	ACREAGE	29	ACREAGE
30	ACREAGE	30	ACREAGE	30	ACREAGE
31	ACREAGE	31	ACREAGE	31	ACREAGE
32	ACREAGE	32	ACREAGE	32	ACREAGE
33	ACREAGE	33	ACREAGE	33	ACREAGE
34	ACREAGE	34	ACREAGE	34	ACREAGE
35	ACREAGE	35	ACREAGE	35	ACREAGE
36	ACREAGE	36	ACREAGE	36	ACREAGE
37	ACREAGE	37	ACREAGE	37	ACREAGE
38	ACREAGE	38	ACREAGE	38	ACREAGE
39	ACREAGE	39	ACREAGE	39	ACREAGE
40	ACREAGE	40	ACREAGE	40	ACREAGE
41	ACREAGE	41	ACREAGE	41	ACREAGE
42	ACREAGE	42	ACREAGE	42	ACREAGE
43	ACREAGE	43	ACREAGE	43	ACREAGE
44	ACREAGE	44	ACREAGE	44	ACREAGE
45	ACREAGE	45	ACREAGE	45	ACREAGE
46	ACREAGE	46	ACREAGE	46	ACREAGE
47	ACREAGE	47	ACREAGE	47	ACREAGE
48	ACREAGE	48	ACREAGE	48	ACREAGE
49	ACREAGE	49	ACREAGE	49	ACREAGE
50	ACREAGE	50	ACREAGE	50	ACREAGE
51	ACREAGE	51	ACREAGE	51	ACREAGE
52	ACREAGE	52	ACREAGE	52	ACREAGE
53	ACREAGE	53	ACREAGE	53	ACREAGE
54	ACREAGE	54	ACREAGE	54	ACREAGE
55	ACREAGE	55	ACREAGE	55	ACREAGE
56	ACREAGE	56	ACREAGE	56	ACREAGE
57	ACREAGE	57	ACREAGE	57	ACREAGE
58	ACREAGE	58	ACREAGE	58	ACREAGE
59	ACREAGE	59	ACREAGE	59	ACREAGE
60	ACREAGE	60	ACREAGE	60	ACREAGE
61	ACREAGE	61	ACREAGE	61	ACREAGE
62	ACREAGE	62	ACREAGE	62	ACREAGE
63	ACREAGE	63	ACREAGE	63	ACREAGE
64	ACREAGE	64	ACREAGE	64	ACREAGE
65	ACREAGE	65	ACREAGE	65	ACREAGE
66	ACREAGE	66	ACREAGE	66	ACREAGE
67	ACREAGE	67	ACREAGE	67	ACREAGE
68	ACREAGE	68	ACREAGE	68	ACREAGE
69	ACREAGE	69	ACREAGE	69	ACREAGE
70	ACREAGE	70	ACREAGE	70	ACREAGE
71	ACREAGE	71	ACREAGE	71	ACREAGE
72	ACREAGE	72	ACREAGE	72	ACREAGE
73	ACREAGE	73	ACREAGE	73	ACREAGE
74	ACREAGE	74	ACREAGE	74	ACREAGE
75	ACREAGE	75	ACREAGE	75	ACREAGE
76	ACREAGE	76	ACREAGE	76	ACREAGE
77	ACREAGE	77	ACREAGE	77	ACREAGE
78	ACREAGE	78	ACREAGE	78	ACREAGE
79	ACREAGE	79	ACREAGE	79	ACREAGE
80	ACREAGE	80	ACREAGE	80	ACREAGE
81	ACREAGE	81	ACREAGE	81	ACREAGE
82	ACREAGE	82	ACREAGE	82	ACREAGE
83	ACREAGE	83	ACREAGE	83	ACREAGE
84	ACREAGE	84	ACREAGE	84	ACREAGE
85	ACREAGE	85	ACREAGE	85	ACREAGE
86	ACREAGE	86	ACREAGE	86	ACREAGE
87	ACREAGE	87	ACREAGE	87	ACREAGE
88	ACREAGE	88	ACREAGE	88	ACREAGE
89	ACREAGE	89	ACREAGE	89	ACREAGE
90	ACREAGE	90	ACREAGE	90	ACREAGE
91	ACREAGE	91	ACREAGE	91	ACREAGE
92	ACREAGE	92	ACREAGE	92	ACREAGE
93	ACREAGE	93	ACREAGE	93	ACREAGE
94	ACREAGE	94	ACREAGE	94	ACREAGE
95	ACREAGE	95	ACREAGE	95	ACREAGE
96	ACREAGE	96	ACREAGE	96	ACREAGE
97	ACREAGE	97	ACREAGE	97	ACREAGE
98	ACREAGE	98	ACREAGE	98	ACREAGE
99	ACREAGE	99	ACREAGE	99	ACREAGE
100	ACREAGE	100	ACREAGE	100	ACREAGE

WELL ACTIVITY
All Lands
As of December 31, 1980

LAND CATEGORY	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	INP.	SERVICE - DISP.	
Public	2,570	1,790	796	1,031		30	498
Outer Continental Shelf	1,115	440	178	317		-	320
Acquired	285	210	173	18		21	47
Military & Miscellaneous	-	2	-	2		-	-
Indian	<u>440</u>	<u>310</u>	<u>151</u>	<u>193</u>		<u>6</u>	<u>47</u>
TOTAL ALL LANDS	<u>4,410</u>	<u>2,752</u>	<u>1,298</u>	<u>1,561</u>		<u>57</u>	<u>912</u>

WELL ACTIVITY
Public Lands
As of December 31, 1980

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	SERVICE INP. -	DISP.	
Arizona	3	-	-	-	-	-	4
California	206	187	184	-	-	11	8
Colorado	229	124	6	110	-	-	54
Idaho	2	-	-	-	-	-	2
Kansas	4	3	-	3	-	-	1
Louisiana	1	-	-	-	-	-	1
Montana	60	39	13	26	-	-	22
Nebraska	6	1	1	-	-	-	2
Nevada	20	2	1	-	-	1	21
New Mexico	992	707	211	631	-	3	87
North Dakota	43	35	19	14	-	1	5
Oklahoma	3	2	1	2	-	-	1
Oregon	1	-	-	-	-	-	-
South Dakota	11	4	2	1	-	1	4
Utah	205	97	23	73	-	1	65
Wyoming	<u>784</u>	<u>589</u>	<u>335</u>	<u>171</u>	-	<u>12</u>	<u>221</u>
TOTAL PUBLIC LANDS	<u>2,570</u>	<u>1,790</u>	<u>796</u>	<u>1,031</u>	-	<u>30</u>	<u>498</u>

WELL ACTIVITY.
OUTER CONTINENTAL SHELF
As of December 31, 1980

STATE	WELLS STARTED	WELLS COMPLETED	NEW PRODUCIBLE ZONE COMPLETION				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	INP.	SERVICE - DISP.	
Alaska	-	-	-	-	-	-	-
Atlantic	2	-	-	-	-	-	3
California	50	22	22	-	-	-	11
Louisiana	770	392	145	302	-	-	219
MAFLA	47	10	9	-	-	-	9
Texas	246	16	2	15	-	-	78
TOTAL	1,115	440	178	317	-	-	320

WELL ACTIVITY
Acquired Lands
As of December 31, 1980

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	SERVICE INP. -	DISP.	
Arkansas	4	2	-	4	-	-	2
California	69	66	49	-	-	17	-
Colorado	3	2	-	2	-	-	2
Kansas	-	-	-	-	-	-	1
Louisiana	1	1	1	-	-	-	-
Michigan	2	-	-	-	-	-	4
Mississippi	16	3	2	-	-	1	10
Montana	15	14	4	10	-	-	5
North Dakota	145	114	112	-	-	2	19
Ohio	1	1	-	1	-	-	-
Oklahoma	5	-	-	-	-	-	-
South Dakota	4	1	1	-	-	-	1
Texas	7	2	1	-	-	1	2
Utah	1	-	-	-	-	-	-
West Virginia	1	-	-	-	-	-	-
Wyoming	11	4	3	1	-	-	1
TOTAL ACQUIRED LANDS	285	210	173	18	-	21	47

WELL ACTIVITY
Military & Miscellaneous Lands
As of December 31, 1980

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	SERVICE INP. -	DISP.	
Arkansas	-	1	-	1	-	-	-
Oklahoma	-	1	-	1	-	-	-
TOTAL MILITARY & MISCELLANEOUS LANDS	=	2	=	2	=	=	=
Alaska	1,101	1,101	-	-	-	-	-
Arizona	2,129	1,396	-	1	-	-	-
California	2,775	1,732	-	-	-	-	-
Colorado	3,056	2,831	-	-	-	-	-
Connecticut	2,022	2,022	-	2	-	-	-
Delaware	3,122	2,022	-	-	-	-	-
District of Columbia	3,411	2,022	-	-	-	-	-
Florida	3,363	2,022	-	-	-	-	-
Georgia	3,128	2,436	-	-	-	-	-
Hawaii	2,853	2,135	-	-	-	-	-
Idaho	3,061	2,782	-	-	-	-	-
Illinois	3,181	2,022	-	-	-	-	-
Indiana	2,386	1,712	-	-	-	-	-
Iowa	3,044	2,745	-	-	-	-	-
Kansas	3,568	2,840	-	-	-	-	-
Kentucky	3,446	2,022	-	-	-	-	-
Louisiana	2,665	1,888	-	-	-	-	-
Maine	2,492	2,022	-	-	-	-	-
Maryland	2,803	1,383	-	-	-	-	-
Massachusetts	2,608	1,552	-	-	-	-	-
Michigan	3,128	1,982	-	-	-	-	-
Minnesota	3,159	1,381	-	-	-	-	-
Mississippi	3,073	1,789	-	-	-	-	-
Missouri	3,777	2,231	-	-	-	-	-
Montana	3,834	2,281	-	-	-	-	-
Nebraska	3,794	2,459	-	-	-	-	-
Nevada	4,410	2,752	-	-	-	-	-

NOTE: Well Activity is on a fiscal year basis for 1964 - 1967 and a calendar year basis beginning with 1968. Well completions equal hole completions beginning with calendar year 1968. The producible oil and gas and service completions represent the various horizontal zone completions for each well completed. E.g., during the year 1980, there were 2,915 zones completed in 2,752 wells completed.

WELL ACTIVITY
Indian Lands
As of December 31, 1980

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES ABANDONED	
			OIL	GAS	SERVICE			
					INP.	-	DISP.	
Arizona	1	1	-	1	-	-	-	-
Colorado	68	45	2	54	-	-	-	2
Montana	29	16	9	7	-	-	-	8
New Mexico	168	138	61	100	-	-	-	10
North Dakota	6	1	1	-	-	-	-	2
Oklahoma	108	74	59	9	6	-	-	13
Utah	23	14	11	5	-	-	-	1
Wyoming	<u>37</u>	<u>21</u>	<u>8</u>	<u>17</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>11</u>
TOTAL INDIAN LANDS	<u>440</u>	<u>310</u>	<u>151</u>	<u>193</u>	<u>6</u>	<u>-</u>	<u>-</u>	<u>47</u>
Oklahoma	5	-	-	-	-	-	-	-
South Dakota	3	1	1	-	-	-	-	1
Texas	7	2	1	-	-	-	-	2
Utah	1	-	-	-	-	-	-	-
West Virginia	1	-	-	-	-	-	-	-
Wyoming	<u>11</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>
TOTAL ACQUIRED LANDS	<u>265</u>	<u>210</u>	<u>152</u>	<u>18</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>1</u>

W E L L A C T I V I T Y
TOTAL ALL LANDS
1954 - 1980

: Year :	New Wells Started :	Wells Completed :	Producing Zone Completions :			Dry Holes, Failures, Abandoned :
			Oil :	Gas :	Service Inp.-Disp. :	
1954	2,101	1,466	1,059	407	-	549
1955	2,129	1,396	983	413	-	633
1956	2,775	1,732	1,043	689	-	818
1957	3,056	2,031	1,330	701	-	925
1958	3,022	2,088	1,456	632	-	985
1959	3,122	2,096	1,513	583	-	914
1960	3,411	2,427	1,798	629	-	1,112
1961	3,363	2,474	1,688	738	48	1,116
1962	3,128	2,436	1,637	732	67	1,133
1963	2,853	2,115	1,429	610	76	1,106
1964	3,061	2,282	1,591	523	168	1,579
1965	3,181	2,073	1,540	483	255	1,669
1966	2,946	1,812	1,467	585	83	1,884
1967	3,044	1,748	1,447	420	156	1,622
1968	3,568	1,840	1,586	455	123	2,156
1969	3,446	1,900	1,574	481	131	2,009
1970	2,665	1,688	1,510	500	54	1,631
1971	2,492	1,290	982	511	54	1,782
1972	2,803	1,383	966	554	57	1,875
1973	2,668	1,552	811	889	72	1,692
1974	3,128	1,590	927	734	78	2,565
1975	3,159	1,981	1,148	883	124	2,099
1976	3,073	1,789	1,053	800	68	1,026
1977	3,777	2,291	1,192	1,180	96	985
1978	3,834	2,281	1,061	1,365	93	1,078
1979	3,794	2,459	1,068	1,548	51	985
1980	4,410	2,752	1,298	1,561	57	912

NOTE: Well Activity is on a fiscal year basis for 1954 - 1963 and a calendar year basis beginning with 1964. Well completions equal hole completions beginning with calendar year 1966. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1980, there were 2,916 zones completed in 2,752 wells completed.

WELL ACTIVITY

PUBLIC LAND

1954 - 1980

Year	New Wells	Wells Started	Wells Completed	Producible Zone Completions			Dry Holes, Failures, Abandoned
				Oil	Gas	Service Inp.-Disp.	
1954	1,534		1,104	735	369	-	410
1955	1,448		957	633	324	-	433
1956	1,798		1,154	641	513	-	530
1957	1,917		1,256	790	466	-	585
1958	1,820		1,244	825	419	-	587
1959	1,702		1,077	683	394	-	613
1960	2,014		1,300	868	432	-	763
1961	2,130		1,425	926	490	9	726
1962	1,931		1,272	824	448	-	756
1963	1,719		1,130	733	393	4	694
1964	1,746		1,195	821	304	70	882
1965	1,738		1,210	773	281	156	875
1966	1,536		1,049	696	328	69	891
1967	1,650		1,093	788	247	91	805
1968	2,091		1,163	885	220	79	1,380
1969	1,969		1,142	854	259	77	1,255
1970	1,444		901	696	186	26	961
1971	1,307		738	497	225	27	945
1972	1,627		868	537	317	40	1,037
1973	1,575		967	425	519	54	902
1974	1,942		1,048	550	510	43	1,705
1975	1,833		1,302	698	535	103	1,301
1976	1,576		1,040	599	422	49	550
1977	2,079		1,368	675	652	79	517
1978	2,210		1,441	670	793	52	623
1979	2,047		1,463	564	935	35	518
1980	2,570		1,790	796	1,031	30	498

W E L L A C T I V I T Y
O U T E R C O N T I N E N T A L S H E L F
1 9 5 4 - 1 9 8 0

: Year :	New Wells Started :	Wells Completed :	Producibile Zone Completions :			Dry Holes, Failures, Abandoned :
:	:	:	Oil :	Gas :	Service Inp.-Disp. :	:
1954	5	5	3	2	-	2
1955	148	90	59	31	-	45
1956	230	123	98	25	-	87
1957	322	177	133	44	-	109
1958	304	225	174	51	-	126
1959	278	210	162	48	-	72
1960	403	425	333	92	-	106
1961	461	462	337	125	-	114
1962	453	539	409	130	-	135
1963	537	516	421	95	-	210
1964	688	612	507	102	3	241
1965	809	427	538	94	-	290
1966	823	415	528	143	2	464
1967	868	350	455	102	9	359
1968	995	436	550	166	7	349
1969	923	435	520	125	5	446
1970	900	605	681	266	13	357
1971	841	407	393	240	7	552
1972	847	338	306	180	10	448
1973	820	420	304	288	8	506
1974	816	310	226	155	17	547
1975	882	392	225	277	13	546
1976	1,041	432	264	258	8	349
1977	1,158	528	292	347	12	355
1978	1,144	489	221	375	20	334
1979	1,112	577	256	420	6	327
1980	1,115	440	178	317	-	320

NOTE: Well activity is on a fiscal year basis for 1954 - 1963 and a calendar year basis beginning with 1964. Wells completed equal hole completions beginning with calendar year 1965. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1980 there were 495 zones completed in 440 wells completed.

WELL ACTIVITY
ACQUIRED LAND
1954 - 1980

Year	New Wells		Produced Zone Completions			Dry Holes, Failures, Abandoned
	Started	Completed	Oil	Gas	Service Inp.-Disp.	
1954	63	29	21	8	-	38
1955	18	4	2	2	-	14
1956	39	12	9	3	-	19
1957	95	37	33	4	-	52
1958	64	36	22	14	-	42
1959	97	41	22	19	-	56
1960	81	28	20	8	-	62
1961	95	47	36	11	-	57
1962	84	27	21	6	-	60
1963	99	45	34	9	2	51
1964	178	78	65	12	1	118
1965	200	84	59	12	13	138
1966	222	108	86	25	2	128
1967	131	41	40	2	2	107
1968	160	50	40	7	4	136
1969	145	33	30	3	1	127
1970	72	13	11	-	2	89
1971	69	16	8	6	2	92
1972	59	12	9	1	2	78
1973	47	15	12	3	1	81
1974	60	19	8	12	1	90
1975	72	25	16	12	3	65
1976	65	26	14	13	1	36
1977	80	32	17	16	1	15
1978	101	39	18	21	-	47
1979	171	103	87	16	2	51
1980	285	210	173	18	21	47

NOTE: Well activity is on a fiscal year basis for 1954 - 1980 and a calendar year basis beginning with 1981. Wells completed equal zone completions beginning with calendar year 1981. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1980 there were 492 zones completed in 449 wells completed.

WELL ACTIVITY
MILITARY LAND
1954 - 1980

Year	New Wells Started	Wells Completed	Producibile Zone Completions		Service Inp.-Disp.	Dry Holes, Failures, Abandoned
			Oil	Gas		
1954	1	2	1	1	-	-
1955	3	3	-	3	-	-
1956	8	7	3	4	-	-
1957	10	6	5	1	-	2
1958	12	22	21	1	-	-
1959	10	18	16	2	-	-
1960	37	20	19	1	-	-
1961	36	39	15	21	3	-
1962	58	133	63	52	18	2
1963	19	30	17	9	4	-
1964	20	24	22	2	-	6
1965	6	3	1	2	-	4
1966	4	4	3	-	1	3
1967	5	5	3	2	1	2
1968	4	3	-	3	-	4
1969	-	-	-	-	-	2
1970	5	1	-	2	-	3
1971	3	2	-	2	-	6
1972	11	4	1	4	-	28
1973	4	5	-	7	-	7
1974	2	1	-	2	-	7
1975	7	1	-	1	-	5
1976	4	7	3	5	-	1
1977	7	6	2	7	1	3
1978	5	2	2	-	-	1
1979	2	-	-	-	-	-
1980	-	2	-	2	-	-

NOTE: On October 1, 1976, the supervisory function of the Naval Petroleum Reserve No. 2 was transferred to the Department of the Navy.

W E L L A C T I V I T Y
NAVAL PETROLEUM RESERVE LANDS
1954 - 1980

Year	New Wells Started	Wells Completed	Producible Zone Completions			Dry Holes, Failures, Abandoned
			Oil	Gas	Service Inp.-Disp.	
1954	9	7	7	-	-	3
1955	11	12	12	-	-	-
1956	14	14	14	-	-	-
1957	10	9	9	-	-	-
1958	13	12	12	-	-	-
1959	26	23	23	-	-	1
1960	12	12	12	-	-	-
1961	8	8	8	-	-	-
1962	94	70	68	2	-	2
1963	9	8	8	-	-	-
1964	13	13	13	-	-	1
1965	8	8	7	-	1	-
1966	16	18	17	-	-	2
1967	19	19	4	-	25	3
1968	5	3	2	1	-	2
1969	10	8	8	-	-	1
1970	13	14	13	1	-	-
1971	3	2	2	-	-	1
1972	1	1	1	-	-	-
1973	-	-	-	-	-	1
1974	-	-	-	-	-	2
1975	5	4	4	-	-	-
1976	5	4	4	-	-	-
1977	-	-	-	-	-	-
1978	-	-	-	-	-	-
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-

NOTE: On October 1, 1976, the supervisory function of the Naval Petroleum Reserve No. 2 was transferred to the Department of the Navy.

WELL ACTIVITY

INDIAN LAND

1954 - 1980

: Year :	New Wells Started :	Wells Completed :	Producing Zone Completions :			Dry Holes, Failures, Abandoned :
:	:	:	Oil :	Gas :	Service Inp.-Disp. :	:
1954	489	319	292	27	-	96
1955	501	330	277	53	-	141
1956	686	422	278	144	-	182
1957	702	546	360	186	-	177
1958	809	549	402	147	-	230
1959	1,009	727	607	120	-	172
1960	864	642	546	96	-	181
1961	633	493	366	91	36	219
1962	508	395	252	94	49	178
1963	470	386	216	104	66	151
1964	416	360	163	103	94	331
1965	420	341	162	94	85	362
1966	345	218	137	89	9	396
1967	371	240	157	67	28	346
1968	313	185	109	58	33	285
1969	399	282	162	94	48	286
1970	231	154	109	45	13	221
1971	269	125	82	38	18	289
1972	258	160	112	52	5	284
1973	222	145	70	72	9	195
1974	308	212	143	55	17	214
1975	360	257	205	58	5	182
1976	382	280	169	102	10	90
1977	453	357	206	158	3	95
1978	374	310	150	167	20	73
1979	462	316	161	177	8	89
1980	440	310	151	193	6	47

GEO THERMAL

WELL ACTIVITY

	New Wells	Wells Completed	Productible Zone Completions		Service	Dry Holes, Failures, Abandoned
Year	Started		Water	Steam	Inp.-Disp.	
State						
Public Land						
1974						
California	1	-	-	-	-	-
1975						
California	9	7	1	6	-	-
Utah	4	2	1	-	1	-
Total	13	9	2	6	1	-
1976						
Utah	-	1	1	-	-	-
1977						
California	2	1	1	-	-	1
Nevada	2	-	-	-	-	-
Utah	2	1	1	-	1	-
Total	6	2	2	-	1	1
1978						
California	4	2	1	-	1	-
Nevada	1	-	-	-	-	-
Utah	-	1	-	-	1	-
Total	5	3	1	-	2	-
1979						
California	3	1	-	1	-	-
Nevada	3	-	-	-	-	1
Total	6	1	-	1	-	1

GEOHERMAL
WELL ACTIVITY

:Year :State	New Wells Started	Wells Completed	Public Land		Producing Zone Completions		Service Inp.-Disp.	Dry Holes, Failures, Abandoned :
			Water	Steam	Water	Steam		
1980								
California	2	4	-	4	-	-	-	-
Nevada	3	3	-	-	-	-	3	-
New Mexico	1	-	-	-	-	-	-	-
TOTAL	6	7	-	4	-	-	3	-

WELL STATUS
ALL LANDS
AS OF DECEMBER 31, 1980

: Land :Category :	New Wells		Wells Completed	Producible Zone Completions				Total Act. & Shut-In	Serv. Inp. Disp.	All Other Wells		Total: Wells: Wells:
	Drilling			Active	Shut-In		Not P&A			P&A		
	Act.	Susp'd			Oil	Gas					Oil	
Public	1,240	129	34,842	18,164	11,854	202	1,479	31,699	4,798	5,847	26,754	68,812
OCS	191	739	9,638	3,393	2,995	1,244	921	8,553	370	-	8,057	18,625
Acquired	77	6	979	614	113	47	83	857	174	339	1,992	3,393
Military & Miscellaneous	1	1	210	114	154	11	14	293	41	31	98	340
Indian	216	32	8,294	4,391	2,594	70	142	7,197	1,596	1,194	6,051	15,788
TOTAL ALL LANDS	1,725	907	53,963	26,676	17,710	1,574	2,639	48,599	6,979	7,411	42,952	106,958

WELL STATUS
PUBLIC LANDS
AS OF DECEMBER 31, 1980

State	New Wells Drilling		Wells Completed	Producible Zone Completions				Total Act. & Shut-In	Serv. Inp. Disp.	All Other		Wells P&A	Total Wells
				Active		Shut-In				Wells	Not P&A		
	Act	Sus'd.		Oil	Gas	Oil	Gas			Shut-In	Not P&A		
Alaska		2	116	51	55	10	8	124	17	11		144	273
Alabama										1			1
Arkansas			3		4			4				9	12
Arizona										7		77	84
California	3		4,277	3,948	16	38		4,002	276	618		2,273	7,171
Colorado	187	4	1,717	524	696	29	340	1,589	147	544		1,990	4,442
Idaho	1									3		20	24
Illinois												1	1
Kansas	2		115	35	65		6	106	9	11		27	155
Louisiana			91	64	12	2	2	80	12	12		86	189
Michigan										1		3	4
Mississippi			2	4				4				9	11
Montana	27	45	1,351	534	306	2	284	1,126	245	527		1,862	3,812
North Dakota	16		165	98	23	7	13	141	24	33		31	245
Nebraska	4		13	9	2	2		13	1	11		24	52
New Mexico	429	37	15,428	5,508	8,978	20	376	14,882	1,492	1,336		6,437	23,667
Nevada	5	1	33	26		1		27	6	26		173	238
Oklahoma	1		165	89	61	3	3	156	22	18		181	365
Oregon	1											11	12
South Dakota	10		12	10			1	11	1	18		99	139
Utah	138	12	1,307	580	392	6	160	1,138	226	369		2,107	3,933
Wyoming	416	28	10,047	6,684	1,244	82	286	8,296	2,320	2,301		11,190	23,982
TOTAL Public	1,240	129	34,842	18,164	11,854	202	1,479	31,699	4,798	5,847		26,754	68,812

WELL STATUS

Outer Continental Shelf

State	New Wells		Wells	Producible Zone Completions				Service	All Other		Total
	Drilling	Susp'd		Active	Shut-In	Total Active	& Shut-In		Wells	Wells	
	Act		Completed	Oil	Gas	Oil	Gas	Disp.	Not P & A	P & A	Wells
1980											
Alaska	-	-	-	-	-	-	-	-	-	21	21
Atlantic	2	-	-	-	-	-	-	-	-	30	32
California	10	37	246	213	14	-	227	33	-	238	531
MAFLA	2	36	70	54	9	3	66	2	-	126	234
Louisiana	130	479	8,618	3,045	2,596	1,194	806	7,641	331	6,641	15,868
Oregon	-	-	-	-	-	-	-	-	-	8	8
Texas	47	187	704	81	399	27	112	619	4	989	1,927
Washington	-	-	-	-	-	-	-	-	-	4	4
TOTAL	191	739	9,638	3,393	2,995	1,244	921	8,553	370	8,057	18,625

1980

Shut-In Restorable Completions - Undetermined Hydrocarbons
Shut-In Non-Restorable Completions

TOTAL

Other Zone Completions			
Louisiana	Texas	MAFLA	TOTAL
29	15	-	44
3,303	101	2	3,406
3,332	116	2	3,450

NOTE: 1980 statistics were calculated in part from the computerized Well Status and Production System (WSPS). Well data formerly included in the "All Other Wells not P&A" category are now included within either the "Wells Completed" category or the "New Wells Drilling - Suspended" category.

MAFLA = Mississippi, Alabama, Florida

WELL STATUS
ACQUIRED LANDS
AS OF DECEMBER 31, 1980

State	New Wells		Wells Completed	Producible Zone Completions				Total Act. & Shut-In	Serv. Inp. Disp.	All Other Wells		Wells P&A	Total Wells
	Drilling			Active	Shut-In		Not P&A			P&A			
	Act	Sus'd.			Oil	Gas					Oil		
Alabama			2	1		1		2		2		5	9
Arkansas	2		16	1	16		8	25	2	4		51	73
California			17	14	1			15	2	2		15	34
Colorado	1		14	2	4		7	13	1	16		116	147
Florida										6		15	21
Illinois			2	2				2				4	6
Indiana			1			1		1				5	6
Kansas			14	3	8		2	13	1	6		10	31
Kentucky		1	8		7		1	8		2		21	31
Louisiana	1		84	63	17	10	1	91	7	44		59	188
Maryland			5		5			5				2	7
Michigan	1		37	26	3	1		30	8	21		96	155
Mississippi	1		224	173	5		1	179	55	73		1,091	1,389
Montana	3	3	71	15	7		51	73	2	38		117	232
North Dakota	53	1	302	241		34		275	31	75		79	510
Nebraska			2		1			1	1	2		22	26
Ohio			14	4	9		1	14		1		77	92
Oklahoma	4		33	24	13			37	2	4		33	74
Pennsylvania			7		7			7				3	10
South Dakota	3		1	1				1		2		11	17
Texas	3	1	18	9	7		1	17	3	1		37	60
Utah			3	3				3				1	4
Virginia										2			2
West Virginia	1		59		1	10		11	48			12	72
Wyoming	4		45	32	2			34	11	38		110	197
Total Acquired	77	6	979	614	113	47	83	857	174	339		1,992	3,393

WELL STATUS
MILITARY & MISCELLANEOUS
AS OF DECEMBER 31, 1980

State	New Wells		Wells		Producible Zone Completions				Serv. Inp. Disp.	All Other Wells		Total Wells	
	Drilling		Completed		Active		Shut-In			Not P&A			
	Act	Sus'd.			Oil	Gas	Oil	Gas		P&A	P&A		
Alaska	1		5				1	4	5			16	22
Arkansas			14			19			19			8	22
California											3	3	
Kentucky			57		26				26	31	12	5	74
Louisiana			117		84	121	8	9	222	10	18	22	157
Oklahoma	1		9		2	7		1	10			7	16
Texas			8		2	7	2		11		1	37	46
Total Military & Miscellaneous	1	1	210		114	154	11	14	293	41	31	98	340

WELL STATUS
INDIAN LANDS
AS OF DECEMBER 31, 1980

State	New Wells Drilling		Wells Completed	Producible Zone Completions					Serv. Inp. Disp.	All		Wells P&A	Total Wells
				Active		Shut-In		Total		Other			
	Act	Sus'd.		Oil	Gas	Oil	Gas	Act. & Shut-In		Not P&A	P&A		
Alaska												7	7
Arizona		2	49	36	2	3	5	46	3	13	177	241	
Colorado	26		414	24	440		4	468	3	10	344	794	
Florida			1	1				1		5		6	
Michigan			1	1				1				1	
Mississippi												1	
Montana	15	16	740	437	44	1	19	501	243	178	413	1,362	
North Dakota	3		21	15		1		16	5	6	29	59	
New Mexico	83	4	2,531	775	1,777	19	85	2,656	146	352	1,904	4,874	
Oklahoma	56	5	2,864	1,902	220	41	26	2,189	794	416	2,335	5,676	
South Dakota			5	3				3	2	8	5	18	
Utah	17	2	989	711	11			722	273	121	386	1,515	
Washington											8	8	
Wyoming	16	3	679	486	100	5	3	594	127	85	443	1,226	
Total Indian	216	32	8,294	4,391	2,594	70	142	7,197	1,596	1,194	6,051	15,788	

WELL STATUS

ALL LANDS

1920 -- 1950

PRODUCIBLE ZONE COMPLETIONS												
YEAR	NEW WELLS		WELLS		ACTIVE		SHUT-IN		TOTAL		ALL	
	DRILLING	COM-	COM-	COM-	OIL	GAS	OIL	GAS	ACT. O	IND-	OTHER	
	ACT.	SUSP'D	PLET'D	PLET'D	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT FEA	P & A
1920-1921	80	140	332		295	10	30	7	332	-	-	220
1922	272	400	632		527	20	70	15	632	-	-	240
1923	300	374	910		747	35	103	25	910	-	-	260
1924	300	356	1,508		1,255	50	163	40	1,508	-	-	280
1925	20	50	2,221		1,830	57	283	45	2,221	-	-	302
1926	36	76	2,694		2,423	64	155	52	2,694	-	-	685
1927	142	402	3,079		2,716	70	237	56	3,079	-	-	1,026
1928	149	383	3,572		3,137	75	297	53	3,572	-	-	1,580
1929	189	303	4,027		3,237	104	603	83	4,027	-	-	1,880
1930	68	245	9,626		8,281	328	791	125	9,626	-	-	2,228
1931	62	356	9,441		7,916	253	1,121	151	9,441	-	-	3,497
1932	54	361	9,197		7,543	241	1,240	165	9,197	-	-	3,926
1933	66	369	8,593		7,009	242	1,186	156	8,593	-	-	4,729
1934	104	263	8,759		7,177	259	1,168	160	8,759	-	-	5,168
1935	110	195	8,735		7,021	270	1,279	157	8,735	-	-	5,707
1936	129	195	8,773		7,012	275	1,327	159	8,773	-	-	5,957
1937	183	171	9,047		7,240	286	1,350	171	9,047	-	-	6,317
1938	124	164	9,220		7,433	303	1,302	182	9,220	-	-	6,811
1939	196	162	9,588		7,750	328	1,328	176	9,588	-	-	7,282
1940	137	184	9,908		7,311	335	1,358	194	9,908	210	-	7,391
1941	167	178	9,820		7,356	324	1,208	182	9,570	250	-	7,724
1942	155	171	10,250		8,191	367	1,223	194	9,975	275	-	8,176
1943	200	136	10,771		8,548	429	1,264	178	10,419	352	-	8,175
1944	211	133	11,000		8,791	460	1,289	173	10,713	297	-	8,359
1945	163	151	11,913		9,417	490	1,518	192	11,417	296	-	8,798
1946	156	157	12,250		9,472	537	1,732	214	11,956	294	-	8,571
1947	238	172	12,761		9,840	583	1,742	263	12,437	324	-	9,145
1948	197	200	13,514		10,521	738	1,725	222	13,206	309	-	9,899
1949	202	206	13,811		10,787	817	1,689	204	13,497	314	-	10,297
1950	221	171	14,898		11,743	900	1,653	286	14,562	316	-	10,906
1951	294	233	15,253		11,764	1,100	1,739	290	14,921	332	-	11,579
1952	383	256	15,899		12,370	1,290	1,589	312	15,461	331	-	11,945
1953	324	245	17,199		12,700	2,011	1,755	295	16,805	394	-	12,062
1954	265	249	18,635		12,642	2,340	1,836	392	18,210	405	-	12,579
1955	360	270	19,374		14,157	2,744	1,256	461	19,916	451	-	12,117
1956	420	330	20,877		15,122	3,109	1,299	777	20,287	490	-	12,662

WELL STATUS

ALL LANDS

1920 -- 1980

PRODUCIBLE ZONE COMPLETIONS													
YEAR	NEW WELLS	WELLS	COM-	ACTIVE	SHUT-IN		TOTAL	SERV.	OTHER	ALL	TOTAL		
	DRILLING	COM-	PLETED	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT P&A	P & A	WELLS	WELLS
	ACT.	SUSP'D	PLETED										
1957	598	394	22,941	16,057	3,762	1,624	985	22,428	513	-	14,954	38,887	
1958	354	381	24,979	16,937	4,429	1,653	1,028	24,047	932	-	15,837	41,551	
1959	463	401	27,464	18,446	5,294	1,837	836	26,413	1,051	-	17,105	45,433	
1960	451	479	29,337	19,503	5,770	1,911	1,034	28,218	1,119	-	18,058	48,325	
1961	481	562	31,616	20,437	6,342	2,104	1,203	30,086	1,530	-	19,306	51,968	
1962	475	583	33,647	21,237	6,860	2,348	1,259	31,704	1,943	-	20,428	55,133	
1963	493	612	35,296	21,611	7,352	2,653	1,278	32,894	2,402	-	21,862	58,263	
1964	385	555	36,086	22,006	7,051	2,931	1,301	33,289	2,797	1,466	21,659	60,151	
1965	426	655	37,517	22,624	7,452	3,138	1,297	34,511	3,006	1,408	23,227	63,233	
1966	351	295	36,650	23,523	8,710	3,374	1,346	36,453	3,557	1,650	24,344	63,290	
1967	391	334	38,125	24,191	9,228	3,440	1,337	38,188	4,055	1,553	25,911	66,314	
1968	490	151	39,623	24,936	9,593	3,583	1,440	39,560	4,592	1,839	27,469	69,572	
1969	461	267	40,702	25,687	10,228	3,473	1,352	40,740	4,807	2,379	28,440	72,249	
1970	350	263	41,946	26,418	10,704	3,540	1,428	42,090	5,108	2,557	29,669	74,785	
1971	398	292	42,654	26,336	11,152	3,687	1,481	42,656	5,378	2,657	31,305	77,306	
1972	487	398	43,473	24,305	11,379	5,717	1,772	43,173	5,752	3,176	32,337	79,673	
1973	570	419	44,620	24,348	12,304	5,679	1,766	44,097	6,101	3,151	33,705	82,465	
1974	771	472	44,590	24,428	12,599	2,781	1,291	41,099	6,389	4,676	35,003	85,512	
1975	720	457	44,322	24,144	13,163	2,243	1,883	41,424	6,477	6,393	36,019	87,911	
1976	693	539	44,296	24,137	13,649	1,702	1,455	40,943	6,491	8,191	36,625	90,344	
1977	988	650	46,964	24,679	14,380	1,679	1,681	42,419	6,728	7,355	38,021	93,978	
1978	1,019	643	48,473	24,999	15,499	1,207	1,752	43,557	6,765	7,358	39,858	97,251	
1979	1,238	573	50,185	24,928	16,942	1,295	2,078	45,243	6,835	8,440	41,152	101,588	
1980	1,725	907	53,963	26,676	17,710	1,574	2,639	48,599	6,979	7,411	42,952	106,950	

NOTE: 1930 INCLUDES PRIOR YEARS WELLS COMPLETED ON INDIAN LAND. WELL STATUS IS ON A CALENDAR YEAR BASIS FOR THE MOST PART. 1921-1950 INCLUDES SOME ESTIMATED DATA. WELLS COMPLETED EQUAL HOLE COMPLETIONS BEGINNING WITH CALENDAR YEAR 1966. THE PRODUCIBLE OIL AND GAS AND SERVICE COMPLETIONS REPRESENT THE VARIOUS HORIZONTAL ZONE COMPLETIONS IN EACH WELL COMPLETED. E.G., AT DECEMBER 31, 1980, THERE WERE 55,578 (48,599 OIL AND GAS, 6,979 SERVICE) ZONE COMPLETIONS IN 53,963 WELLS COMPLETED.

WELL STATUS

PUBLIC LAND

1920 -- 1980

YEAR	NEW WELLS		WELLS		PRODUCIBLE ZONE COMPLETIONS				TOTAL		SERV.		OTHER		ALL	
	DRILLING		COM-		ACTIVE		SHUT-IN		ACT. G		INP.-		WELLS		TOTAL	
	ACT.	SUSPND	PLETED		OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT P&A	P & A	WELLS			
1920-1921	80	140	332	265	10	30	7		232	-	-	-	220		772	
1922	272	400	632	527	20	70	15		632	-	-	-	240		1,544	
1923	300	374	910	747	35	103	25		910	-	-	-	260		1,844	
1924	300	356	1,508	1,255	50	163	40		1,508	-	-	-	280		2,444	
1925	20	50	2,221	1,836	57	283	45		2,221	-	-	-	302		2,593	
1926	20	52	2,303	2,050	62	141	50		2,303	-	-	-	600		2,975	
1927	142	377	2,659	2,343	68	197	51		2,659	-	-	-	941		4,119	
1928	146	369	3,131	2,786	73	219	53		3,131	-	-	-	1,472		5,118	
1929	186	295	3,559	2,917	102	473	67		3,559	-	-	-	1,769		5,809	
1930	45	232	3,611	2,847	91	568	105		3,611	-	-	-	1,836		5,724	
1931	44	352	3,684	2,859	121	598	106		3,684	-	-	-	2,656		6,736	
1932	38	356	3,667	2,762	109	736	120		3,667	-	-	-	2,678		6,739	
1933	42	365	3,605	2,716	111	669	109		3,605	-	-	-	2,766		6,778	
1934	76	259	3,666	2,789	126	645	106		3,666	-	-	-	3,059		7,060	
1935	62	191	3,771	2,778	143	751	99		3,771	-	-	-	3,301		7,325	
1936	73	191	3,849	2,833	141	773	102		3,849	-	-	-	3,343		7,456	
1937	115	168	4,112	3,034	152	814	112		4,112	-	-	-	3,539		7,934	
1938	84	161	4,334	3,251	171	790	122		4,334	-	-	-	3,760		8,339	
1939	151	159	4,627	3,482	189	833	123		4,627	-	-	-	4,134		9,071	
1940	110	168	4,910	3,764	199	820	127		4,910	-	-	-	4,051		9,239	
1941	128	162	4,891	3,760	188	811	132		4,891	-	-	-	4,223		9,404	
1942	129	160	5,327	4,139	238	810	140		5,327	-	-	-	4,538		10,154	
1943	153	126	5,738	4,523	301	797	117		5,738	-	-	-	4,826		10,853	
1944	140	120	6,067	4,764	320	863	120		6,067	-	-	-	5,028		11,355	
1945	102	129	6,541	5,062	346	999	135		6,541	-	-	-	5,264		12,036	
1946	113	139	6,819	5,391	381	897	150		6,819	-	-	-	5,310		12,381	
1947	166	146	7,220	5,669	430	923	193		7,220	-	-	-	5,586		13,118	
1948	136	170	7,934	6,302	565	907	160		7,934	-	-	-	5,922		14,162	
1949	148	181	8,205	6,515	651	897	142		8,205	-	-	-	6,189		14,733	
1950	148	156	8,817	7,212	728	868	202		8,817	-	-	-	6,510		15,631	
1951	227	204	9,480	7,350	936	945	241		9,480	-	-	-	7,054		16,965	
1952	333	225	9,916	7,855	1,109	695	257		9,916	-	-	-	7,719		18,192	
1953	258	213	10,980	8,242	1,802	720	215		10,980	-	-	-	8,099		19,550	
1954	189	226	11,847	8,710	2,070	815	252		11,847	-	-	-	8,706		20,966	
1955	225	247	13,021	9,317	2,407	1,000	297		13,021	-	-	-	9,214		22,707	
1956	243	303	14,151	9,915	2,735	1,016	485		14,151	-	-	-	9,743		24,440	

WELL STATUS

PUBLIC LAND

1920 -- 1980

PRODUCIBLE ZONE COMPLETIONS														
YEAR	NEW WELLS DRILLING	WELLS COM- PLETED	ACTIVE OIL	GAS	SHUT-IN OIL	GAS	TOTAL ACT. G SHUT-IN	SERV. INP.- DISP.	ALL OTHER WELLS NOT PCA	WELLS PCA	TOTAL WELLS			
1957	343	318	15,295	10,333	3,116	1,246	600	15,295	-	-	10,453	26,409		
1958	208	312	16,481	10,847	3,583	1,279	629	16,138	342	-	11,095	28,096		
1959	296	294	17,712	11,287	4,171	1,373	498	17,219	393	-	12,126	30,428		
1960	311	337	18,910	11,979	4,567	1,333	556	18,435	475	-	12,866	32,424		
1961	338	372	20,299	12,494	4,965	1,392	666	19,517	782	-	13,779	34,788		
1962	329	358	21,363	12,928	5,277	1,479	681	20,265	999	-	14,577	36,627		
1963	330	379	22,161	13,124	5,539	1,620	670	20,953	1,208	-	15,464	38,334		
1964	219	319	22,426	13,229	5,273	1,761	693	20,956	1,470	1,210	15,020	39,204		
1965	260	340	23,279	13,609	5,496	1,799	708	21,612	1,667	1,255	15,948	41,082		
1966	196	252	24,025	14,201	6,323	1,872	660	23,066	2,118	1,054	16,673	42,200		
1967	225	306	24,997	14,519	6,555	1,882	652	23,608	2,497	915	17,531	43,974		
1968	289	127	25,935	14,960	6,711	1,849	604	24,212	2,891	1,086	18,625	46,062		
1969	284	118	26,420	15,217	7,018	1,747	607	24,589	3,032	1,615	19,026	47,473		
1970	194	120	27,072	15,432	7,169	1,825	611	25,037	3,243	1,831	19,702	48,919		
1971	222	111	27,491	15,507	7,303	1,804	674	25,288	3,405	1,929	20,517	50,270		
1972	320	107	28,122	15,569	7,558	1,786	711	25,624	3,713	2,376	20,972	51,897		
1973	405	133	28,888	15,597	8,111	1,745	765	26,218	3,947	2,357	21,786	53,569		
1974	580	153	29,031	15,765	8,547	1,231	693	26,226	4,142	3,262	22,386	55,512		
1975	489	130	29,140	15,807	8,929	768	689	26,193	4,332	4,705	22,910	57,374		
1976	474	131	29,505	16,040	9,182	357	705	26,284	4,417	5,784	23,248	59,142		
1977	663	138	30,468	16,567	9,766	124	730	27,197	4,516	6,021	23,995	61,295		
1978	757	141	31,419	16,845	10,361	168	870	28,244	4,641	5,940	25,035	63,292		
1979	837	142	32,845	17,296	10,956	171	1,214	29,677	4,711	5,887	25,757	65,468		
1980	1,240	129	34,842	18,164	11,054	202	1,479	31,699	4,798	5,847	26,754	68,612		

WELL STATUS
OUTER CONTINENTAL SHELF
1920 -- 1990

YEAR	NEW WELLS			PRODUCIBLE ZONE COMPLETIONS				ALL			
	DRILLING	COM- PLETED	WELLS	ACTIVE	SHUT-IN		TOTAL	SERV.	OTHER	WELLS	TOTAL
					GAS	OIL					
	ACT.	SUSPENDED					SHUT-IN	DISP.	NOT REA	P & A	WELLS
1950A/	24	-	410	371	-	13	26	410	-	79	513
1951	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-
1954	27	-	130	50	20	15	45	130	-	104	261
1955	41	-	239	117	29	31	62	239	-	175	455
1956	76	-	357	195	32	41	95	357	-	261	694
1957	61	17	588	330	31	83	144	588	-	402	1,068
1958	35	21	795	467	74	80	154	795	-	485	1,336
1959	40	31	1,461	864	173	245	179	1,461	-	560	2,101
1960	58	53	1,923	1,139	210	326	249	1,923	-	686	2,720
1961	54	99	2,467	1,463	240	429	335	2,467	-	814	3,434
1962	56	107	3,091	1,863	333	513	382	3,091	-	1,002	4,256
1963	62	130	3,631	2,237	397	584	413	3,631	-	1,276	5,049
1964	73	193	4,313	2,708	417	622	486	4,313	80	1,372	6,052
1965	89	261	4,733	3,068	516	687	462	4,733	-	1,685	6,768
1966	82	-	3,305	3,589	660	747	504	5,499	35	444	5,702
1967	95	-	3,762	4,080	870	759	507	6,216	60	496	6,586
1968	133	-	4,258	4,483	1,040	908	576	7,009	91	592	7,575
1969	103	129	4,752	4,985	1,280	880	578	7,723	117	590	8,493
1970	106	115	5,359	5,565	1,574	882	645	8,666	164	534	9,392
1971	89	152	5,718	5,704	1,872	953	602	9,131	217	551	10,234
1972	79	263	6,032	3,744	1,808	2,996	872	9,420	296	537	11,079
1973	84	249	6,421	3,914	2,106	3,054	879	9,855	332	546	11,899
1974	91	292	6,218	3,686	1,942	732	461	6,871	415	1,006	12,715
1975	97	292	6,104	3,506	2,071	1,013	694	7,294	325	977	13,097
1976*	95	362	6,461	3,555	2,256	1,179	637	7,627	333	1,117	14,123
1977*	169	482	7,914	3,409	2,263	1,468	835	7,075	404	-	15,184
1978*	117	472	8,433	3,397	2,615	1,071	742	7,825	382	-	16,163
1979*	179	402	8,434	2,781	3,266	1,045	704	7,796	349	1,080	17,682
1980*	191	739	9,638	3,393	2,995	1,244	921	8,553	370	-	18,625

A/ TIDE AND SUBMERGED, CALIFORNIA

NOTE: *SEE FOOTNOTE AND OTHER ZONE COMPLETIONS ON OCS WELL STATUS BY STATE

WELL STATUS

ACQUIRED LAND

1920 -- 1980

PRODUCIBLE ZONE COMPLETIONS												
YEAR	NEW WELLS	WELLS	ACTIVE	SHUT-IN	ACT. &	SERV.	OTHER	WELLS	WELLS	TOTAL	WELLS	TOTAL
	DRILLING	COM-	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT PSA	P & A	WELLS	TOTAL
	ACT.	SUSPND	PLEYED									
1948	2	-	93	82	0	-	1	93	-	-	20	115
1949	4	-	109	98	9	-	1	100	1	-	27	140
1950	5	-	133	120	9	-	1	130	3	-	22	170
1951	9	-	116	107	-	-	6	113	3	-	41	166
1952	2	2	192	171	10	3	5	189	3	-	126	322
1953	2	16	201	154	12	18	10	194	7	-	132	351
1954	2	4	205	164	13	8	12	197	8	-	189	400
1955	9	5	368	154	172	8	26	362	6	-	210	592
1956	11	3	243	195	19	14	7	235	8	-	330	597
1957	13	4	281	227	17	14	15	273	8	-	369	667
1958	13	2	305	239	36	14	7	296	9	-	420	740
1959	9	3	328	237	47	17	10	311	17	-	502	842
1960	6	5	360	252	29	22	35	339	21	-	569	940
1961	11	6	402	279	28	27	41	375	27	-	629	1,046
1962	12	6	442	310	28	29	47	414	28	-	688	1,146
1963	10	7	536	370	41	39	52	502	34	-	797	1,350
1964	20	7	611	426	42	47	30	545	66	15	885	1,538
1965	20	7	681	476	53	69	26	624	57	29	1,020	1,757
1966	16	10	821	572	73	64	79	789	74	27	1,112	1,986
1967	16	8	841	588	75	70	79	811	80	34	1,220	2,119
1968	5	8	972	602	75	69	84	830	92	40	1,332	2,257
1969	16	7	877	597	78	73	80	828	101	51	1,454	2,405
1970	8	9	873	588	81	71	77	817	107	63	1,534	2,487
1971	5	4	961	576	81	72	81	810	102	68	1,619	2,557
1972	9	1	840	554	82	69	79	784	104	115	1,654	2,619
1973	8	1	904	516	83	68	27	894	159	137	1,711	2,661
1974	8	2	784	487	90	65	34	876	157	182	1,750	2,726
1975	7	5	793	456	94	83	33	866	164	217	1,766	2,788
1976	8	1	747	457	92	34	42	825	168	285	1,814	2,855
1977	21	4	749	469	101	12	48	830	167	308	1,851	2,933
1978	28	5	775	476	100	13	63	852	171	312	1,911	3,031
1979	52	5	826	514	113	15	74	716	169	335	1,948	3,166
1980	77	6	979	614	113	47	83	857	174	339	1,992	3,392

WELL STATUS

MILITARY LAND

1920 -- 1980

YEAR	PRODUCIBLE ZONE COMPLETIONS														ALL			TOTAL
	NEW WELLS		WELLS COMPLETED	ACTIVE		SHUT-IN		TOTAL		SERV.		OTHER						
	DRILLING	ACT.		GAS	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	WELLS	WELLS						
	SUSPND.										NOT PCA	PCA	WELLS					
1952	-	-	28	12	16	-	-	28	-	-	-	-	28					
1953	3	-	36	12	21	-	3	36	-	-	-	-	39					
1954	-	-	43	14	29	-	-	43	-	-	-	1	44					
1955	-	-	48	15	31	-	1	47	1	-	-	1	49					
1956	1	-	61	20	40	-	-	60	1	-	-	15	77					
1957	1	-	87	45	35	-	6	86	1	-	-	18	106					
1958	1	-	88	44	37	1	5	87	1	-	-	18	107					
1959	7	-	139	65	58	2	13	138	1	-	-	18	164					
1960	-	-	186	94	62	2	15	173	13	-	-	19	205					
1961	4	-	295	132	62	3	48	265	30	-	-	13	312					
1962	-	1	358	180	137	6	4	327	31	-	-	16	375					
1963	5	1	374	185	145	6	4	340	34	-	-	16	396					
1964	-	1	386	196	147	5	3	352	34	1	-	14	402					
1965	-	1	384	195	147	4	4	350	34	-	-	31	416					
1966	-	1	261	196	147	4	3	350	36	-	-	21	383					
1967	-	-	265	198	148	4	3	353	37	-	-	23	388					
1968	-	-	265	197	145	4	7	353	37	2	-	25	392					
1969	-	-	264	193	148	4	3	348	41	1	-	27	392					
1970	4	-	262	180	151	4	-	343	44	4	-	27	397					
1971	-	-	260	156	155	7	25	343	45	5	-	30	395					
1972	5	-	238	152	160	7	4	323	41	11	-	52	386					
1973	2	-	237	147	158	7	10	322	41	11	-	59	389					
1974	1	-	231	145	151	6	11	313	41	11	-	67	310					
1975	5	-	227	139	160	6	12	308	41	11	-	72	315					
1976	2	-	204	120	152	9	5	286	39	30	-	75	311					
1977	-	1	202	117	154	5	9	285	41	34	-	78	315					
1978	2	-	204	112	155	12	9	288	41	30	-	81	317					
1979	4	-	204	114	155	10	9	288	41	30	-	81	319					
1980	1	1	210	114	154	11	14	293	41	31	-	98	340					

WELL STATUS
NAVAL PETROLEUM RESERVE

1920 -- 1980

YEAR	NEW WELLS			PRODUCIBLE ZONE COMPLETIONS				TOTAL		SERV.		ALL		TOTAL	
	DRILLING			ACTIVE				ACT. &		INP.-		OTHER		WELLS	
	ACT.	SUSPND	PLEYED	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT PGA	PGA	WELLS	PGA	WELLS	WELLS
1920-1926	16	24	391	373	2	14	2	391	-	-	-	85	-	516	
1927	-	25	420	373	2	40	5	420	-	-	-	85	-	530	
1928	3	14	441	351	2	78	10	441	-	-	-	108	-	566	
1929	3	8	468	320	2	130	16	468	-	-	-	111	-	590	
1930	-	3	461	263	2	160	16	461	-	-	-	153	-	617	
1931	-	4	456	216	2	223	15	456	-	-	-	160	-	620	
1932	-	5	455	226	2	212	15	455	-	-	-	165	-	625	
1933	1	4	456	221	1	217	17	456	-	-	-	170	-	631	
1934	1	4	532	282	3	223	24	532	-	-	-	175	-	712	
1935	1	4	534	273	5	228	28	534	-	-	-	187	-	726	
1936	1	4	533	248	4	254	27	533	-	-	-	190	-	728	
1937	2	3	538	260	4	236	29	538	-	-	-	197	-	740	
1938	-	3	519	275	2	212	30	519	-	-	-	240	-	762	
1939	-	3	514	267	9	195	23	514	-	-	-	248	-	765	
1940	-	3	546	283	3	227	33	546	-	-	-	248	-	797	
1941	-	3	472	282	3	169	18	472	-	-	-	248	-	773	
1942	-	3	472	298	4	153	17	472	-	-	-	248	-	723	
1943	6	3	649	447	3	177	22	649	-	-	-	266	-	924	
1944	3	3	667	460	3	182	22	667	-	-	-	268	-	941	
1945	12	4	1,096	762	2	309	23	1,096	-	-	-	312	-	1,424	
1946	5	2	1,079	445	9	606	19	1,079	-	-	-	342	-	1,428	
1947	5	-	1,074	410	4	637	23	1,074	-	-	-	357	-	1,436	
1948	4	9	1,064	367	8	673	16	1,064	-	-	-	378	-	1,455	
1949	7	5	1,093	420	6	642	25	1,093	-	-	-	392	-	1,497	
1950	6	5	1,110	431	9	651	19	1,110	-	-	-	432	-	1,553	
1951	8	5	1,196	430	12	736	16	1,196	-	-	-	427	-	1,636	
1952	8	5	1,281	457	10	802	12	1,281	-	-	-	440	-	1,734	
1953	8	5	1,281	457	10	802	12	1,281	-	-	-	440	-	1,734	
1954	1	5	1,421	627	6	768	20	1,421	-	-	-	439	-	1,866	
1955	-	-	404	285	5	103	11	404	-	-	-	257	-	661	
1956	-	-	414	301	4	97	12	414	-	-	-	257	-	671	
1957	-	-	496	295	4	171	26	496	-	-	-	309	-	805	
1958	5	-	511	310	3	170	28	511	-	-	-	310	-	826	
1959	-	1	459	325	1	126	7	459	-	-	-	256	-	716	
1960	-	1	474	340	1	126	7	474	-	-	-	256	-	731	
1961	2	1	481	346	2	126	7	481	-	-	-	256	-	740	

WELL STATUS
NAVAL PETROLEUM RESERVE

1920 -- 1980

YEAR	NEW WELLS		WELLS		PRODUCIBLE ZONE COMPLETIONS				TOTAL		SERV.		ALL		TOTAL	
	DRILLING		COM-		ACTIVE		SHUT-IN		ACT. &		IND.-		OTHER		WELLS	
	ACT.	SUSPND	PLETED		OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT REA	P. C. A.	WELLS			
1962	-	-	487	355	5	126	1	487	-	-	258	745				
1963	3	1	481	320	3	153	5	481	-	-	260	745				
1964	1	1	495	290	2	182	4	497	8	2	259	750				
1965	1	1	505	299	3	190	4	496	9	2	259	760				
1966	-	1	520	299	3	206	4	512	12	2	261	784				
1967	-	1	535	290	14	209	6	519	34	5	262	802				
1968	2	-	537	274	10	227	7	510	34	7	262	806				
1969	2	-	545	274	14	238	5	521	27	7	263	817				
1970	-	-	563	276	18	240	4	539	41	3	265	831				
1971	-	-	565	270	18	240	4	540	41	2	267	834				
1972	-	-	566	270	18	240	4	541	41	2	267	835				
1973	-	-	566	270	18	235	4	536	45	2	267	835				
1974	-	-	564	270	18	233	4	534	45	2	269	835				
1975	-	-	334	266	18	2	2	280	46	234	271	839				
1976	-	-	-	-	-	-	-	-	-	-	-	-				

NOTE: ON OCTOBER 1, 1976, THE SUPERVISION OF THE NPR NO. 2 WELLS WAS TRANSFERRED TO THE DEPARTMENT OF THE NAVY.
EARLIER YEARS INCLUDE NPR NOS. 1, 2, 3, AND 4. 1955 AND SUBSEQUENT YEARS ARE FOR NPR NO. 2 ONLY.

WELL STATUS

INDIAN LAND

1920 -- 1980

PRODUCIBLE ZONE COMPLETIONS															ALL					
YEAR	NEW WELLS		WELLS		ACTIVE		SHUT-IN		TOTAL		SERV.		OTHER							
	DRILLING	COM-	DRILLING	COM-	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT PEA	PEA	WELLS	WELLS	TOTAL	WELLS	WELLS			
	ACT.	SUSP.	ACT.	SUSP.																
1930	23	10	5,554	5,251	235	63	5	5,554	-	-	-	-	229	5,826						
1931	18	-	5,301	4,841	130	300	30	5,201	-	-	-	-	681	6,000						
1932	16	-	5,075	4,615	130	300	30	5,075	-	-	-	-	1,083	6,174						
1933	23	-	4,532	4,072	130	300	30	4,532	-	-	-	-	1,793	6,348						
1934	27	-	4,561	4,101	130	300	30	4,561	-	-	-	-	1,934	6,522						
1935	47	-	4,430	3,770	130	300	30	4,430	-	-	-	-	2,219	6,696						
1936	55	-	4,391	3,931	130	300	30	4,391	-	-	-	-	2,424	6,870						
1937	66	-	4,397	3,937	130	300	30	4,397	-	-	-	-	2,581	7,044						
1938	40	-	4,367	3,907	130	300	30	4,367	-	-	-	-	2,811	7,219						
1939	45	-	4,447	3,987	130	300	30	4,447	-	-	-	-	2,900	7,392						
1940	27	13	4,452	3,764	133	311	34	4,242	210	-	-	-	3,082	7,574						
1941	39	13	4,457	3,914	133	228	32	4,207	250	-	-	-	3,263	7,772						
1942	26	8	4,451	3,754	125	260	37	4,176	275	-	-	-	3,390	7,875						
1943	41	7	4,384	3,570	125	290	39	4,032	352	-	-	-	3,072	7,505						
1944	68	10	4,266	3,567	137	244	31	3,979	287	-	-	-	3,063	7,407						
1945	49	18	4,276	3,596	142	210	34	3,980	296	-	-	-	3,222	7,565						
1946	38	16	4,352	3,637	147	229	45	4,058	294	-	-	-	2,919	7,325						
1947	67	26	4,467	3,770	149	182	42	4,143	324	-	-	-	3,202	7,762						
1948	55	21	4,423	3,769	156	145	45	4,115	308	-	-	-	3,579	8,078						
1949	43	20	4,404	3,754	151	150	36	4,091	313	-	-	-	3,679	8,146						
1950	38	10	4,428	3,802	154	121	30	4,115	313	-	-	-	3,853	8,329						
1951	50	24	4,461	3,889	152	56	35	4,122	329	-	-	-	4,057	8,592						
1952	40	24	4,482	3,975	145	89	38	4,147	335	-	-	-	3,660	8,206						
1953	53	11	4,701	3,934	166	255	59	4,314	387	-	-	-	3,391	8,156						
1954	46	14	4,989	4,077	202	220	62	4,572	417	-	-	-	3,131	8,180						
1955	85	18	5,294	4,267	300	214	62	4,843	451	-	-	-	3,260	8,657						
1956	89	24	5,651	4,496	359	131	184	5,170	481	-	-	-	3,356	9,120						
1957	180	55	6,194	4,827	559	110	194	5,690	504	-	-	-	3,403	9,832						
1958	92	46	6,799	5,210	696	109	205	6,220	579	-	-	-	3,509	10,446						
1959	111	72	7,365	5,662	844	74	139	6,725	640	-	-	-	3,634	11,182						
1960	76	83	7,484	5,699	901	102	172	6,874	610	-	-	-	3,662	11,305						
1961	72	84	7,672	5,722	1,025	127	106	6,901	691	-	-	-	3,815	11,643						
1962	78	111	7,936	5,801	1,080	195	144	7,020	886	-	-	-	3,887	11,982						
1963	83	94	8,113	5,375	1,227	251	134	6,987	1,126	-	-	-	4,099	12,289						
1964	72	34	7,855	5,142	1,169	313	85	6,716	1,139	136	-	-	4,099	12,196						
1965	56	45	7,935	4,977	1,237	389	33	6,606	1,239	122	-	-	4,284	12,442						

WELL STATUS

INDIAN LAND

1920 -- 1980

YEAR	PRODUCIBLE ZONE COMPLETIONS											
	NEW WELLS		WELLS		ACTIVE		SHUT-IN		TOTAL		SERV.	
	DRILLING		COM-		PLETED		DISP.		ACT. &		IMP.-	
	ACT.	SUSPND	PLETED	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT PCA	P & A	WELLS
1966	57	31	7,718	4,666	1,494	481	96	6,737	1,282	123	4,406	12,335
1967	55	19	7,725	4,516	1,558	516	91	6,681	1,357	103	4,642	12,544
1968	61	16	7,756	4,412	1,612	526	90	6,638	1,446	112	4,633	12,578
1969	56	13	7,844	4,421	1,690	531	79	6,721	1,489	115	4,741	12,769
1970	38	19	7,817	4,369	1,711	518	91	6,689	1,509	122	4,863	12,859
1971	82	25	7,759	4,115	1,723	611	95	6,544	1,569	102	5,149	13,116
1972	74	27	7,675	4,007	1,753	619	102	6,491	1,557	137	5,224	13,137
1973	71	36	7,704	3,995	1,826	570	91	6,472	1,576	98	5,293	13,192
1974	91	25	7,762	4,066	1,851	514	39	6,519	1,597	113	5,423	13,614
1975	122	30	7,724	3,970	1,891	371	453	6,685	1,569	249	5,383	13,508
1976	114	45	7,379	3,965	1,967	123	66	6,121	1,534	975	5,400	13,513
1977	135	25	7,631	4,117	2,096	70	50	6,242	1,592	992	5,478	14,261
1978	115	25	7,642	4,169	2,260	43	60	6,548	1,530	1,076	5,690	14,548
1979	166	24	7,876	4,223	2,412	54	77	6,766	1,565	1,108	5,779	14,953
1980	216	32	8,294	4,391	2,594	70	142	7,197	1,596	1,194	6,051	15,298

NOTE: 1930, WELLS COMPLETED, INCLUDES PRIOR YEARS.

THE DECREASE IN TOTAL WELLS FROM ONE YEAR TO ANY SUBSEQUENT YEAR IS DUE TO THE REMOVAL OF INDIAN LAND WELLS FROM U. S. GEOLOGICAL SURVEY SUPERVISION.

GEOTHERMAL
WELL STATUS

: YEAR :(Dec. 31) : STATE	New Wells		Wells Com- pleted	Producible Zone Completions				Obser- vation	All Other Wells not P&A	Wells P&A	Total: Wells:	
	DRILLING			ACTIVE		SHUT-IN						Total Act. & Shut-in
	Act.	Susp'd		Water	Steam	Water	Steam					
1974												
California	1	-	-	-	-	-	-	-	-	-	1	
1975												
California	3	2	7	-	-	1	6	7	-	-	12	
Utah	-	3	4	-	-	2	-	2	2	-	8	
TOTAL	3	5	11	-	-	3	6	9	2	-	20	
1976												
California	-	1	14	-	-	5	9	14	-	1	16	
Utah	-	1	7	-	-	5	-	5	2	1	9	
TOTAL	-	2	21	-	-	10	9	19	2	2	25	
1977												
California	2	2	24	-	-	8	14	22	2	-	30	
Nevada	2	-	-	-	-	-	-	-	-	-	2	
Utah	1	2	10	-	-	6	-	6	4	-	14	
TOTAL	5	4	34	-	-	14	14	28	6	-	46	
1978												
California	2	1	29	-	-	11	13	24	5	5	37	
Nevada	1	-	3	-	-	-	-	-	3	-	4	
Oregon	-	-	2	-	-	-	-	-	2	-	2	
Utah	-	5	11	-	-	5	-	5	6	-	17	
TOTAL	3	6	45	-	-	16	13	29	16	5	60	
1979												
California	2	-	38	-	2	12	17	31	7	6	46	
Nevada	-	3	6	-	-	-	-	-	6	1	10	
Oregon	-	-	2	-	-	-	-	-	2	-	2	
Utah	-	5	11	-	-	5	-	5	6	1	18	
TOTAL	2	8	57	-	2	17	17	36	21	8	76	

GEO THERMAL WELL STATUS

: YEAR :(Dec. 31) : STATE	New Wells		Wells Completed	Producible Zone Completions				Total Act & Shut-In	Obser- vation	All Other Wells		Wells Total: P&A Wells:
	Act.	Susp'd		Active Water:Steam	Shut-In Water:Steam					Not P&A	P&A	
1980												
California	2	2	51	3	10	9	22	44	7	9	7	71
Nevada	2	1	16	0	0	1	0	1	15	0	2	21
New Mexico	1	0	0	0	0	0	0	0	0	0	0	1
Oregon	0	1	2	0	0	0	0	0	2	0	0	3
Utah	0	5	11	0	0	5	0	5	6	1	1	18

UNIT PLANS
NUMBER AND ACREAGE
Calendar Years

YEAR	APPROVED UNIT PLANS		NUMBER OF UNIT PLANS OUTSTANDING				
	Accumulated Total		Land Category			Total Acreage	
	Number	Acreage	Federal	Indian	OCS	Total	All Lands
1931	2	21,481	2	-	-	2	21,481
1932	5	26,715	5	-	-	5	26,715
1933	6	41,668	6	-	-	6	41,668
1934	8	50,704	8	-	-	8	50,704
1935	13	141,984	12	1	-	13	141,984
1936	31	507,312	29	2	-	31	507,312
1937	81	1,138,849	79	2	-	81	1,138,849
1938	106	1,482,406	104	2	-	106	1,482,406
1939	120	1,814,455	117	2	-	119	1,808,574
1940	122	1,829,401	116	2	-	118	1,715,797
1941	125	1,860,857	116	2	-	118	1,724,187
1942	131	2,086,847	115	2	-	117	1,816,970
1943	148	2,247,151	114	2	-	116	1,668,190
1944	172	2,456,278	121	2	-	123	1,438,366
1945	192	2,628,458	128	2	-	130	1,498,127
1946	215	2,974,383	136	2	-	138	1,722,270
1947	244	3,505,432	146	2	-	148	2,088,293
1948	294	4,327,206	182	1	-	183	2,717,254
1949	340	5,068,975	195	4	-	199	2,896,715
1950	373	5,651,102	181	3	-	184	2,655,887
1951	427	6,588,462	209	8	-	217	3,268,252
1952	493	7,987,405	253	11	-	264	4,312,710
1953	575	9,650,111	286	11	-	297	5,143,073
1954	661	11,114,488	314	11	1	326	5,636,880
1955	708	11,953,999	292	11	1	304	5,269,662
1956	785	13,065,815	295	30	11	336	5,426,710
1957	863	14,440,151	325	38	12	375	6,060,617
1958	946	16,282,231	351	47	13	411	6,954,648
1959	1,062	18,575,542	410	58	16	484	8,174,342
1960	1,170	21,150,188	440	68	15	523	8,946,114
1961	1,272	23,143,963	452	84	15	551	8,780,038

UNIT PLANS
NUMBER AND ACREAGE
Calendar Years

: <u>APPROVED UNIT PLANS</u> :		: <u>NUMBER OF UNIT PLANS</u> :					:
: <u>YEAR</u> :	: <u>Accumulated Total</u> :		:	: <u>Land Category</u> :			: <u>Total Acreage:</u>
:	: Number	Acreage	: Federal	: Indian	OCS	Total	: All Lands :
1962	1,368	24,647,473	479	88	15	582	8,599,438
1963	1,460	26,043,502	488	102	16	606	8,254,280
1964	1,545	27,500,616	484	113	21	618	7,406,404
1965	1,635	28,765,373	491	123	28	642	7,191,901
1966	1,730	30,625,485	516	131	43	690	7,722,432
1967	1,806	31,988,570	535	135	47	717	6,927,391
1968	1,894	33,094,226	568	143	49	760	6,862,986
1969	1,999	34,558,385	595	151	78	824	7,645,702
1970	2,070	35,677,649	597	151	93	841	7,395,224
1971	2,142	36,712,687	615	157	98	870	7,226,413
1972	2,230	38,360,598	645	158	100	903	7,611,277
1973	2,357	40,107,784	710	156	112	978	8,588,036
1974	2,485	42,811,407	762	159	112	1,033	9,848,249
1975	2,587	44,558,174	767	156	108	1,031	9,427,809
1976	2,673	46,036,235	759	159	113	1,031	8,613,190
1977	2,812	48,196,934	808	162	125	1,095	9,633,532
1978	2,972	50,930,625	871	165	132	1,168	10,956,407
1979	3,108	52,914,890	935	167	127	1,229	11,609,773
1980	3,581	58,057,167	808	161	127	1,096	10,702,234

UNITIZED PRODUCTION
PERCENTAGE OF TOTAL PRODUCTION
Calendar Years

YEAR	UNITIZED PRODUCTION		-- PERCENTAGE OF TOTAL PRODUCTION			
	Federal (%)		Indian (%)		OCS (%)	
	Oil	Gas	Oil	Gas	Oil	Gas
1950	52	46	-	-	-	-
1951	51	38	-	-	-	-
1952	47	27	-	-	-	-
1953	48	25	-	-	-	-
1954	49	26	8	-	-	-
1955	52	29	8	-	-	-
1956	52	29	9	-	4	-
1957	54	34	9	-	11	-
1958	60	37	5	-	20	-
1959	60	39	3	-	23	-
1960	60	40	6	2	28	3
1961	60	42	17	5	34	7
1962	63	37	33	10	37	13
1963	58	44	56	18	37	15
1964	62	40	60	40	38	16
1965	65	45	59	15	37	16
1966	66	47	57	10	38	28
1967	68	50	52	8	40	32
1968	65	45	50	19	40	30
1969	61	34	53	10	40	27
1970	53	32	53	08	43	27
1971	64	50	53	09	37	27
1972	71	47	55	09	37	26
1973	72	50	55	09	34	24
1974	75	50	49	09	32	33
1975	71	47	46	03	17	20
1976	71	46	49	7	25	19
1977	69	47	54	9	23	17
1978	66	48	53	10	24	15
1979	67	51	51	10	22	13
1980	64	48	51	9	20	12

PART 4

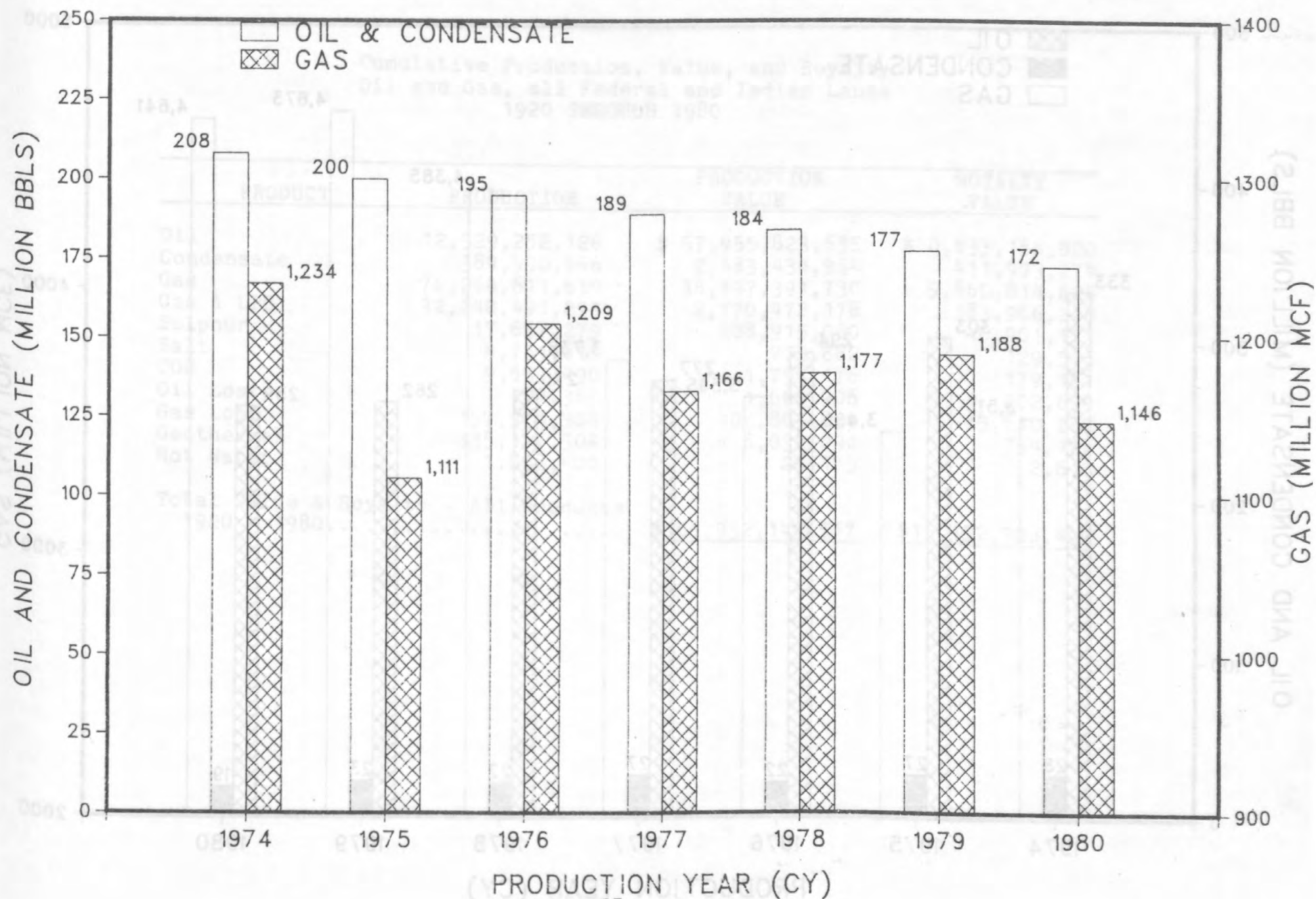
FEDERAL AND INDIAN LANDS PRODUCTION AND REVENUE

Producing operations, and revenue accounting procedures, are subject to the regulations contained in Title 30, Chapter II, of the Code of Federal Regulations.

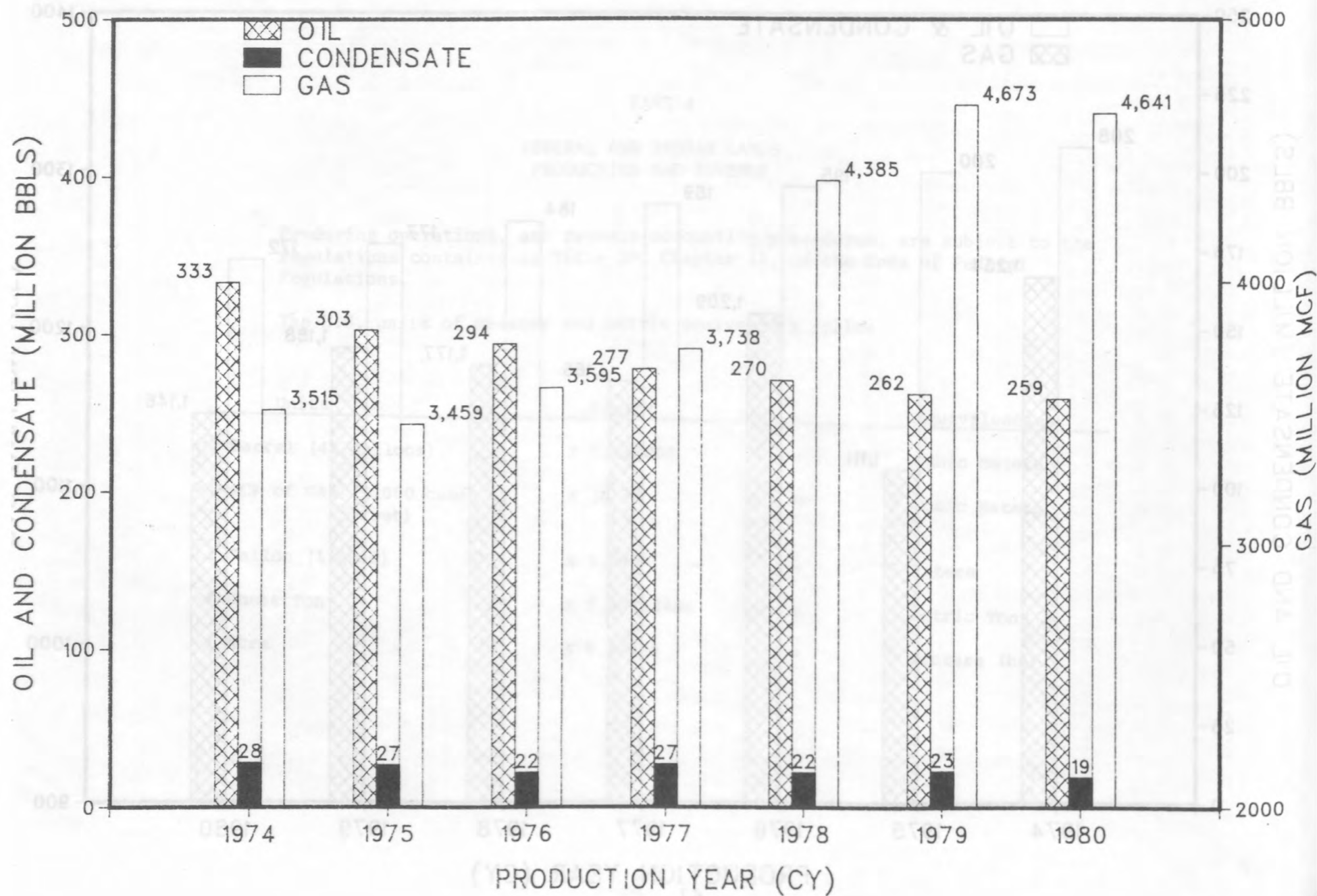
The U.S. units of measure and metric equivalents follow:

Units	Factor		Equivalencies
1 Barrel (42 gallons)	X 0.159005	=	Cubic Meters
1 MCF of Gas (1,000 cubic feet)	X 28.32	=	Cubic Meters
1 Gallon (liquid)	X 3.785	=	Liters
1 Short Ton	X 0.90718486	=	Metric Tons
1 Acre	X 0.40469	=	Hectare (ha)

FEDERAL ONSHORE AND INDIAN LANDS OIL, CONDENSATE, AND GAS PRODUCTION



OUTER CONTINENTAL SHELF OIL, CONDENSATE, AND GAS PRODUCTION



Cumulative Production, Value, and Royalty
Oil and Gas, all Federal and Indian Lands
1920 THROUGH 1980

PRODUCT	PRODUCTION	PRODUCTION VALUE	ROYALTY VALUE
Oil	12,529,252,126	\$ 57,955,823,635	\$ 8,633,166,820
Condensate	389,990,446	2,483,434,954	411,993,274
Gas	76,264,611,610	38,197,391,730	5,860,814,624
Gas & LPG	32,240,491,293	2,770,472,178	183,966,218
Sulphur	17,657,279	408,915,060	45,901,173
Salt	4,751,619	773,882	129,546
CO2	9,651,490	1,794,176	179,181
Oil Lost	194,363	1,680,906	202,630
Gas Lost	157,974,309	105,803,830	15,610,287
Geothermal	335,167,304	6,032,991	754,124
Hot Water	1,088,400	26,175	2,618
Total Value & Royalty - All Products			
1920 - 1980.....		<u>\$101,932,149,517</u>	<u>\$15,152,720,495</u>

CONDENSATE, AND GAS PRODUCTION
 CUMULATIVE PRODUCTION, VALUE AND ROYALTY
 OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS

1920 THROUGH 1960

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	1,949,277	239,239
ALASKA	982,565,906	117,518,668
ARIZONA	66,385,318	11,067,398
ARKANSAS	32,566,514	4,654,250
CALIFORNIA	4,863,588,101	630,212,906
COLORADO	2,383,822,166	357,652,133
FLORIDA	158,650	19,833
ILLINOIS	14,312	2,385
INDIANA	15,529	1,859
KANSAS	136,193,032	16,800,136
KENTUCKY	10,792,828	1,577,872
LOUISIANA	59,625,158,552	9,658,979,665
MARYLAND	1,043,549	131,184
MICHIGAN	13,500,882	1,788,766
MISSISSIPPI	219,837,791	26,863,571
MONTANA	1,346,110,241	172,351,831
NEBRASKA	17,834,277	2,175,421
NEVADA	51,504,830	6,411,098
NEW MEXICO	10,689,855,024	1,293,878,694
NORTH DAKOTA	639,863,898	76,655,851
OHIO	3,841,989	529,882
OKLAHOMA	1,554,784,105	184,339,994
PENNSYLVANIA	956,794	95,876
SOUTH DAKOTA	10,895,183	1,394,464
TEXAS	3,241,948,493	536,073,001
UTAH	2,686,042,543	371,666,752
WASHINGTON	1,170	146
WEST VIRGINIA	9,124,801	1,523,779
WYOMING	13,345,792,762	1,672,113,841
1920-1960	101,932,149,517	15,152,720,495

OIL AND GAS OPERATIONS
PRODUCTS AND LANDS
CALENDAR YEAR 1980

PRODUCT & LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
OIL	(BARRELS)		
PUBLIC	142,296,055	3,059,771,066	392,643,950
OUTER CONTINENTAL SHELF	258,809,111	4,783,826,710	778,757,011
ACQUIRED	7,026,000	169,039,576	19,662,229
MILITARY-MISCELLANEOUS	377,224	1,797,905	1,097,064
INDIAN	21,991,758	449,435,039	67,185,913
TOTAL	430,500,186	8,508,880,296	1,259,346,167
CONDENSATE	(BARRELS)		
OUTER CONTINENTAL SHELF	10,579,864	359,575,076	58,460,375
GAS	(MCF)		
PUBLIC	993,400,253	1,671,505,922	207,304,570
OUTER CONTINENTAL SHELF	4,641,456,983	7,885,212,996	1,295,291,353
ACQUIRED	23,813,402	39,677,151	6,228,080
MILITARY-MISCELLANEOUS	13,588,225	10,568,264	1,749,374
INDIAN	115,338,225	219,983,837	30,726,238
TOTAL	5,767,597,088	9,826,948,170	1,541,299,615
GASOLINE AND LPG	(GALLONS)		
PUBLIC	225,109,346	110,155,794	5,399,846
OUTER CONTINENTAL SHELF	2,458,731	3,271,711	309,011
ACQUIRED	3,802,831	2,194,411	106,210
MILITARY-MISCELLANEOUS	9,597,968	5,618,594	914,606
INDIAN	47,700,266	19,708,162	1,196,351
TOTAL	288,749,142	140,948,672	7,926,064
SULFUR	(TONS)		
PUBLIC	773,529	742,905	29,171
ACQUIRED	4	58	5
INDIAN	111	153	16
TOTAL	773,644	743,116	29,192
CARBON DIOXIDE	(MCF)		
PUBLIC	561,822	207,330	22,063
OIL LOST	(BARRELS)		
PUBLIC	690	57,106	(22,305)
OUTER CONTINENTAL SHELF	1,021	107,410	17,469
TOTAL	1,711	174,516	(4,836)

OIL AND GAS OPERATIONS
PRODUCTS AND LANDS
CALENDAR YEAR 1980

PRODUCT & LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
GAS LUST (MCF)			
PUBLIC	(229,891)	(95,083)	(660,912)
OUTER CONTINENTAL SHELF	14,659,739	23,811,929	3,806,206
ACQUIRED	(464,053)	(188,810)	(105,173)
INDIAN	(45,889)	(29,787)	(4,729)
TOTAL	13,919,906	23,497,949	3,037,322
GEOTHERMAL (KWH)			
PUBLIC	325,167,304	6,022,991	754,124
HOT WATER (GALLONS)			
PUBLIC	1,688,400	26,175	2,618
TOTAL ALL PRODUCTS		18,644,724,291	2,870,692,704
ALABAMA			
ARIZONA			
CALIFORNIA			
COLORADO			
CONNECTICUT			
DELAWARE			
FLORIDA			
GEORGIA			
ILLINOIS			
INDIANA			
IOWA			
KANSAS			
KENTUCKY			
LOUISIANA			
MAINE			
MARYLAND			
MASSACHUSETTS			
MICHIGAN			
MINNESOTA			
MISSISSIPPI			
MISSOURI			
MONTANA			
NEBRASKA			
NEVADA			
NEW HAMPSHIRE			
NEW JERSEY			
NEW MEXICO			
NEW YORK			
NORTH CAROLINA			
NORTH DAKOTA			
OHIO			
OKLAHOMA			
PENNSYLVANIA			
RHODE ISLAND			
SOUTH CAROLINA			
TENNESSEE			
TEXAS			
UTAH			
VIRGINIA			
WASHINGTON			
WEST VIRGINIA			
WISCONSIN			
WYOMING			
ALASKA			
HAWAII			
GUAM			
SAINT PIERRE AND MICHELON			
UNITED STATES TOTAL			

Summary of Oil and Gas Operations
Federal and Indian Lands
Calendar Year 1980

: PRODUCT & : LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY : VALUE (\$):
<u>Oil & Condensate</u>	(Barrels)		
Onshore	149,699,287	3,275,608,547	413,403,243
Outer Continental Shelf	277,388,975	5,143,111,786	837,237,386
Indian	21,991,788	449,435,039	67,185,913
TOTAL	449,080,050	8,868,155,372	1,317,826,542
<u>GAS</u>	(MCF)		
Onshore	1,030,801,880	1,721,751,337	215,282,024
Outer Continental Shelf	4,641,456,983	7,885,212,996	1,295,291,353
Indian	115,338,225	219,983,837	30,726,238
TOTAL	5,787,597,088	9,826,948,170	1,541,299,615
<u>GASOLINE & LPG</u>	(Gallons)		
Onshore	238,590,145	117,968,799	6,420,662
Outer Continental Shelf	2,458,731	3,271,711	309,011
Indian	47,700,266	19,708,162	1,196,391
TOTAL	288,749,142	140,948,672	7,926,064
<u>SULFUR</u>	(Tons)		
Onshore	773,533	742,963	29,176
Indian	111	153	16
TOTAL	773,644	743,116	29,192
<u>CARBON DIOXIDE</u>	(MCF)		
Onshore	561,822	207,330	22,063
<u>OIL LOST</u>	(Barrels)		
Onshore	690	67,106	(22,305)
Outer Continental Shelf	1,021	107,410	17,469
Indian	-	-	-
TOTAL	1,711	174,516	(4,836)
<u>GAS LOST</u>	(MCF)		
Onshore	(693,944)	(284,693)	(766,155)
Outer Continental Shelf	14,659,739	23,811,929	3,808,206
Indian	(45,889)	(29,287)	(4,729)
TOTAL	13,919,906	23,497,949	3,037,322
<u>GEOTHERMAL</u>	(KWH)		
Onshore	335,167,304	6,032,991	754,124
<u>HOT WATER</u>	(Gallons)		
Onshore	1,088,400	26,175	2,618
TOTAL ALL PRODUCTS		\$18,866,734,291	\$2,870,892,704

NOTE: Onshore includes Public, Acquired, Military Lands

PRODUCTION VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LEASES

CALENDAR YEAR 1980

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	194,079	53,028
ALASKA	87,992,652	11,007,612
ARIZONA	5,406,768	837,308
ARKANSAS	8,595,336	1,233,252
CALIFORNIA	551,435,728	73,550,410
COLORADO	285,161,414	42,816,035
FLORIDA	16,865	2,108
ILLINOIS	7,809	468
KANSAS	15,365,131	1,970,452
KENTUCKY	578,598	72,298
LOUISIANA	11,486,842,869	1,873,166,610
MARYLAND	9,905	1,235
MICHIGAN	3,392,919	414,976
MISSISSIPPI	19,310,812	2,285,156
MONTANA	158,132,757	20,610,146
NEBRASKA	4,311,200	641,552
NEVADA	13,726,240	1,715,761
NEW MEXICO	1,821,871,061	229,478,882
NORTH DAKOTA	330,106,333	39,420,715
OHIO	150,455	22,547
OKLAHOMA	166,780,692	27,212,730
SOUTH DAKOTA	4,463,217	561,522
TEXAS	1,511,344,587	251,000,254
UTAH	341,232,378	47,130,124
WEST VIRGINIA	2,085	264
WYOMING	2,051,227,978	255,082,656
TOTAL 1980	18,866,734,251	2,870,192,704

OIL AND GAS OPERATIONS
ALL PRODUCTS - ALL LANDS

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,181,984,805	383,379,893
1953	369,425,127	44,683,311
1954	411,402,758	50,986,410
1955	453,807,338	57,039,197
1956	503,478,438	65,198,542
1957	611,169,539	79,623,595
1958	704,875,252	92,369,599
1959	836,745,550	112,157,805
1960	902,639,043	125,033,051
1961	1,002,975,187	142,214,664
1962	1,113,672,550	160,872,961
1963	1,217,243,005	175,920,358
1964	1,274,318,642	186,451,832
1965	1,392,343,655	200,268,913
1966	1,633,375,256	237,589,177
1967	1,808,604,711	266,062,059
1968	2,040,564,712	309,692,808
1969	2,339,759,206	352,238,196
1970	2,623,999,714	397,934,189
1971	3,073,951,781	466,040,455
1972	3,147,539,339	478,761,431
1973	3,561,622,293	535,694,739
1974	5,298,591,059	779,914,503
1975	5,840,682,817	860,889,494
1976	6,558,937,447	978,491,215
1977	8,233,176,629	1,235,254,904
1978	9,883,373,312	1,512,061,761
1979	13,040,075,852	1,995,002,729
1980	16,866,734,291	2,870,892,704
THROUGH		
1980	101,932,149,517	15,152,720,495

OIL AND GAS OPERATIONS
ALL PRODUCTS - PUBLIC LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,513,347,729	290,822,988
1953	292,393,147	35,072,403
1954	323,920,596	39,222,639
1955	340,933,265	41,508,384
1956	370,388,103	46,402,379
1957	438,229,644	54,873,743
1958	441,831,410	54,606,791
1959	462,191,091	57,759,779
1960	496,166,964	60,530,568
1961	532,630,879	68,583,629
1962	540,263,537	67,377,003
1963	570,768,041	71,458,113
1964	588,165,200	73,185,591
1965	629,806,527	74,367,529
1966	663,870,348	77,829,112
1967	668,405,079	83,090,564
1968	691,700,848	85,802,946
1969	725,358,671	89,434,919
1970	735,956,028	90,463,332
1971	754,688,757	91,563,819
1972	741,926,643	91,672,074
1973	883,538,045	108,921,053
1974	1,419,743,294	177,008,048
1975	1,566,863,379	196,332,960
1976	1,766,700,891	223,744,064
1977	2,055,567,664	258,117,693
1978	2,362,019,771	297,722,511
1979	3,191,175,345	396,577,532
1980	4,889,413,406	605,473,055
THROUGH		
1980	31,637,892,401	3,909,525,241

OIL AND GAS OPERATIONS
ALL PRODUCTS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	5,036,861	967,892
1954	14,370,098	2,748,977
1955	27,060,679	5,140,006
1956	39,497,871	7,629,383
1957	61,072,588	11,391,245
1958	96,471,136	17,423,879
1959	150,472,527	26,539,977
1960	200,969,615	37,095,301
1961	273,636,456	47,920,332
1962	376,675,900	66,096,334
1963	450,866,484	76,999,225
1964	506,782,510	88,400,230
1965	594,222,732	102,862,540
1966	801,724,611	136,987,537
1967	947,214,691	157,607,609
1968	1,179,912,209	201,136,931
1969	1,443,870,472	240,090,666
1970	1,707,593,450	283,494,568
1971	2,135,677,075	350,042,480
1972	2,229,179,121	363,556,339
1973	2,496,864,855	401,126,114
1974	3,570,053,959	560,282,889
1975	3,924,914,930	615,544,570
1976	4,402,439,996	699,424,790
1977	5,774,056,434	919,647,466
1978	7,096,500,055	1,150,346,082
1979	9,273,278,309	1,515,347,950
1980	13,055,515,032	2,136,663,425
THROUGH		
1980	62,825,932,459	10,222,515,744

OIL AND GAS OPERATIONS
ALL PRODUCTS - ACQUIRED LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	45,109,218	6,220,802
1953	13,416,367	1,696,869
1954	10,251,361	1,268,203
1955	21,494,341	2,601,401
1956	21,786,030	2,489,271
1957	23,797,008	2,924,882
1958	22,733,661	2,858,474
1959	22,252,125	2,823,676
1960	21,609,448	2,692,050
1961	21,092,600	2,655,188
1962	21,858,493	2,712,625
1963	23,827,687	2,998,321
1964	30,080,513	3,904,080
1965	29,041,769	3,671,930
1966	34,649,984	4,334,594
1967	43,063,962	5,145,645
1968	38,563,626	4,732,631
1969	40,225,720	4,804,175
1970	40,359,118	5,007,148
1971	40,782,092	4,846,045
1972	37,395,345	4,465,629
1973	37,644,308	4,549,854
1974	47,484,861	5,634,460
1975	52,031,760	6,471,695
1976	56,231,127	7,328,424
1977	62,167,379	8,002,598
1978	66,376,822	11,000,129
1979	102,000,054	13,416,357
1980	210,722,366	25,991,351
THROUGH		
1980	1,240,949,419	157,189,507

OIL AND GAS OPERATIONS
ALL PRODUCTS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,552,023	639,735
1953	2,527,784	432,311
1954	4,361,618	829,293
1955	5,072,850	948,472
1956	7,080,995	1,168,661
1957	8,932,145	1,254,996
1958	7,751,892	1,103,759
1959	8,764,243	1,234,428
1960	8,978,714	1,344,500
1961	12,615,513	1,825,244
1962	23,952,600	4,719,189
1963	22,828,332	4,689,407
1964	20,773,093	4,168,282
1965	16,954,624	3,039,908
1966	14,607,319	2,569,246
1967	10,929,206	1,895,506
1968	9,489,857	1,584,099
1969	8,127,407	1,334,945
1970	7,532,029	1,214,654
1971	6,957,970	1,131,671
1972	7,495,344	1,179,065
1973	9,060,059	1,429,275
1974	12,003,065	1,918,466
1975	9,634,756	1,727,246
1976	14,214,420	2,274,961
1977	10,840,613	1,774,001
1978	16,624,271	2,746,582
1979	14,452,491	2,374,887
1980	22,984,763	3,761,044
THROUGH		
1980	329,119,996	56,313,833

NOTE: On October 1, 1980, the operations of the Navy were transferred to the Department of the Navy.

OIL AND GAS OPERATIONS
ALL PRODUCTS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	237,363,291	41,698,141
1954	8,002,280	990,938
1955	7,747,354	959,177
1956	7,269,936	986,632
1957	8,754,450	1,089,978
1958	9,658,870	1,188,815
1959	9,745,710	1,208,991
1960	16,215,493	2,210,600
1961	16,404,711	2,219,588
1962	15,257,343	2,083,119
1963	14,469,356	1,965,195
1964	14,172,503	1,941,841
1965	12,064,526	1,779,782
1966	12,654,917	1,733,302
1967	11,696,122	1,596,662
1968	10,453,129	1,370,414
1969	9,947,967	1,276,892
1970	10,317,665	1,352,546
1971	12,061,960	1,648,658
1972	11,945,210	1,601,977
1973	10,283,560	1,332,132
1974	10,261,609	1,280,975
1975	13,916,601	1,658,832
1976	14,626,808	1,609,487
1977	12,434,705	1,346,888
1978	--	--
1979	--	--
1980	--	--
1981	--	--
THROUGH		
1982	519,356,078	78,131,562

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy

OIL AND GAS OPERATIONS
ALL PRODUCTS - INDIAN LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	382,572,625	43,998,227
1953	48,038,668	5,522,898
1954	50,931,731	5,958,121
1955	51,276,267	5,854,292
1956	55,971,039	6,418,870
1957	69,479,204	7,989,914
1958	126,341,443	15,167,706
1959	176,850,081	21,589,345
1960	168,509,591	21,151,044
1961	147,742,396	19,117,152
1962	136,512,664	18,002,610
1963	134,779,958	17,833,451
1964	115,521,788	15,013,867
1965	109,662,086	14,593,704
1966	106,826,872	14,272,026
1967	126,638,644	16,952,321
1968	110,940,205	15,159,309
1969	111,059,351	15,220,945
1970	120,457,129	16,105,829
1971	123,900,674	16,854,455
1972	121,259,326	16,556,192
1973	134,252,337	18,387,463
1974	235,389,278	33,410,808
1975	272,611,184	39,293,536
1976	304,908,208	44,372,058
1977	330,544,539	47,713,146
1978	346,852,323	50,237,457
1979	469,169,649	67,284,003
1980	689,097,904	99,103,829
THROUGH 1980	5,370,509,164	729,044,608

OIL & CONDENSATE - ALL LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	1,916,044,274	3,095,421,520	390,971,055
1954	138,638,746	352,959,246	44,700,543
1955	152,651,208	390,952,810	49,897,140
1956	168,014,892	432,995,419	57,309,126
1957	183,645,557	522,323,777	69,712,777
1958	211,355,080	600,569,796	80,565,312
1959	252,893,753	695,478,696	95,415,410
1960	272,712,131	733,867,918	104,464,791
1961	293,042,183	807,741,957	118,155,251
1962	317,465,936	884,159,503	130,442,809
1963	338,224,168	953,108,254	140,715,202
1964	351,220,685	982,757,299	147,645,243
1965	374,244,090	1,065,201,732	158,963,860
1966	422,922,327	1,221,154,845	183,617,878
1967	469,276,138	1,346,681,315	207,899,041
1968	520,475,660	1,505,779,056	234,975,368
1969	561,241,944	1,724,532,147	268,642,482
1970	603,587,577	1,920,347,645	297,450,367
1971	646,911,213	2,156,447,936	343,982,338
1972	628,950,312	2,132,051,243	335,283,881
1973	603,059,084	2,403,880,718	372,454,007
1974	568,877,908	3,748,433,310	570,931,081
1975	530,375,853	3,837,936,616	593,135,061
1976	512,262,058	4,033,236,847	513,165,542
1977	493,448,343	4,190,583,756	640,748,523
1978	476,407,362	4,473,186,570	682,841,875
1979	462,105,360	5,299,233,286	793,147,595
1980	449,080,050	5,863,155,372	1,317,826,542
THROUGH 1980	12,919,242,572	60,439,258,500	9,045,160,094

OIL - PUBLIC LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,503,507,593	2,452,502,732	298,731,658
1954	110,585,718	280,737,719	35,125,503
1955	117,652,841	296,980,595	37,234,614
1956	127,401,242	321,508,116	41,584,481
1957	135,210,667	375,758,556	48,390,642
1958	136,892,866	374,876,444	47,860,635
1959	147,443,539	387,112,654	49,776,637
1960	155,582,659	402,104,794	51,454,780
1961	168,950,475	440,773,074	59,029,049
1962	171,095,676	448,466,723	57,528,520
1963	178,333,811	467,903,523	60,567,838
1964	179,503,777	471,694,791	60,558,435
1965	181,400,184	489,875,464	60,899,172
1966	186,593,075	511,288,854	62,558,202
1967	193,363,149	514,792,573	66,315,814
1968	200,861,659	528,501,690	68,338,129
1969	201,465,849	566,145,061	71,913,973
1970	196,082,346	564,547,543	71,503,906
1971	183,652,895	568,671,798	71,220,950
1972	175,565,007	543,272,993	69,475,802
1973	170,279,204	640,611,960	81,657,305
1974	168,781,546	1,099,908,761	141,505,817
1975	163,061,742	1,173,215,758	153,555,392
1976	160,886,622	1,221,095,070	159,560,734
1977	158,554,169	1,241,896,573	162,627,887
1978	154,803,324	1,359,903,946	178,165,773
1979	146,418,034	1,809,742,494	231,406,792
1980	142,296,055	3,099,771,066	392,643,950
THROUGH			
1980	5,916,236,924	22,658,751,525	2,991,592,390

INCLUDES CONDENSATE

OIL - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	2,723,173	8,028,326	1,681,702
1955	5,871,853	17,318,314	3,539,946
1956	10,126,355	29,754,624	6,019,747
1957	15,373,071	51,166,849	9,793,597
1958	23,709,108	77,256,710	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	254,052,899	48,707,457
1963	98,331,298	313,797,445	55,618,246
1964	114,977,253	352,677,995	64,360,892
1965	136,235,062	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	730,113,838	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	378,497,169	1,331,063,800	227,096,426
1973	360,888,784	1,450,312,269	248,255,928
1974	332,354,155	2,196,522,331	361,566,306
1975	303,159,121	2,707,663,216	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	2,573,557,427	468,727,986
1980	258,809,111	4,783,536,710	778,757,011
THROUGH			
1990	5,029,701,860	29,645,170,372	4,965,546,228

CONDENSATE - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	210,063	719,664	135,453
1954	619,057	1,947,804	361,496
1955	823,631	2,624,334	483,418
1956	878,177	2,735,187	505,938
1957	697,116	2,397,206	432,270
1958	1,059,929	3,470,484	627,780
1959	1,519,992	4,571,845	889,726
1960	2,306,845	7,320,399	1,328,526
1961	3,064,308	9,527,903	1,788,043
1962	4,404,673	14,874,907	2,799,353
1963	6,247,942	19,168,310	3,518,838
1964	7,522,873	22,941,499	4,286,902
1965	8,732,553	26,664,321	4,986,612
1966	13,526,680	41,750,232	7,579,495
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	28,365,555	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	231,954,417	32,798,697
1975	27,676,331	221,195,285	36,064,743
1976	22,437,084	137,634,617	32,077,708
1977	26,964,304	249,472,545	40,783,625
1978	21,843,868	226,416,780	37,012,093
1979	23,290,056	254,025,614	40,592,290
1980	18,579,864	359,575,076	58,480,375
THROUGH			
1980	309,590,446	2,433,424,954	411,993,274

OIL & CONDENSATE - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,150,697	3,490,530	719,541
1954	3,342,230	9,976,130	2,043,198
1955	6,705,484	19,942,640	4,023,364
1956	11,014,532	32,502,811	6,525,685
1957	16,070,187	53,554,155	10,225,867
1958	24,769,037	80,737,194	15,110,378
1959	35,697,521	113,059,363	21,221,459
1960	49,665,989	146,424,271	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	443,905,831	80,408,174
1966	188,714,070	579,469,024	103,707,597
1967	221,861,614	652,179,835	121,398,258
1968	268,995,890	835,230,068	148,037,661
1969	312,859,987	1,019,130,848	178,291,525
1970	360,646,165	1,193,591,525	207,076,462
1971	418,548,946	1,481,680,916	253,229,024
1972	411,885,693	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	2,428,543,501	399,527,206
1976	316,520,109	2,533,409,705	412,302,688
1977	303,945,240	2,683,530,990	441,147,013
1978	292,265,042	2,854,346,392	466,527,803
1979	285,565,538	3,127,593,041	509,320,276
1980	277,389,975	5,143,111,706	837,237,386
THROUGH 1980	5,419,692,306	32,128,505,326	5,277,539,502

20043 PRODUCTION - OIL - ACQUIRED LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	16,060,975	41,997,048	4,719,299
1955	2,862,960	7,514,787	936,267
1956	6,582,287	18,840,125	2,071,095
1957	6,019,508	18,593,408	1,938,981
1958	5,957,180	19,141,194	2,230,689
1959	5,427,265	17,429,499	2,007,502
1960	5,246,896	16,099,539	1,902,115
1961	5,400,439	16,222,675	1,880,548
1962	5,671,535	16,553,799	1,934,791
1963	5,896,846	17,659,153	2,032,415
1964	6,351,136	18,786,230	2,229,263
1965	6,864,628	20,374,977	2,508,196
1966	8,299,399	24,180,689	2,814,548
1967	10,162,671	28,901,413	3,326,008
1968	13,584,151	38,826,162	4,304,189
1969	11,361,343	33,070,393	3,742,995
1970	11,200,534	34,306,764	3,933,267
1971	10,619,459	33,495,119	3,836,397
1972	9,663,655	32,688,090	3,718,798
1973	8,430,096	28,336,681	3,237,186
1974	7,419,540	28,547,114	3,290,259
1975	6,345,202	38,428,114	4,469,526
1976	5,933,877	40,254,693	4,938,558
1977	6,082,754	43,693,988	5,398,970
1978	5,659,690	43,782,585	5,306,328
1979	4,745,180	40,542,818	5,030,452
1980	5,961,298	69,024,020	8,220,662
THROUGH	7,026,000	169,039,576	19,662,229
1980	210,796,817	957,241,462	111,621,533

INCLUDES CONDENSATE

GIL - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(1)	ROYALTY VALUE(4)
PRIOR	1,211,096	3,297,381	433,836
1954	585,800	1,703,050	223,554
1955	681,836	1,955,608	261,558
1956	907,944	2,687,541	373,562
1957	1,334,134	4,349,997	608,211
1958	1,193,514	3,692,505	534,578
1959	1,192,339	3,567,202	518,938
1960	1,350,615	4,169,084	592,650
1961	1,521,436	6,054,103	898,584
1962	2,645,697	8,032,264	1,555,860
1963	2,601,703	7,835,013	1,568,495
1964	2,503,467	7,439,766	1,435,753
1965	2,097,570	6,163,808	1,030,222
1966	1,659,616	4,958,046	913,945
1967	1,205,075	3,632,313	591,009
1968	1,065,528	3,272,986	528,077
1969	860,479	2,768,734	443,778
1970	720,957	2,357,026	378,501
1971	614,033	2,157,324	347,547
1972	527,522	1,860,795	299,378
1973	422,973	1,525,732	260,690
1974	364,304	2,650,155	421,724
1975	305,380	1,913,607	299,375
1976	207,686	2,121,966	335,890
1977	253,435	2,119,672	339,304
1978	215,526	2,729,810	442,242
1979	287,370	4,400,845	711,397
1980	377,224	6,797,905	1,097,064
THROUGH			
1980	29,414,359	106,455,238	17,345,722

INCLUDES CONDENSATE

OIL - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(1)	ROYALTY VALUE(\$)
PRIOR	168,123,954	199,646,595	39,448,514
1954	2,206,989	6,655,619	973,019
1955	2,253,842	6,877,567	903,636
1956	2,469,072	7,520,349	992,349
1957	2,395,952	8,094,676	1,057,469
1958	2,436,065	7,984,498	1,046,020
1959	4,501,638	14,058,546	2,001,938
1960	4,769,581	14,116,475	1,990,424
1961	4,259,116	12,568,369	1,741,976
1962	3,868,245	11,404,725	1,597,802
1963	3,809,299	11,208,795	1,586,044
1964	3,553,369	10,395,256	1,465,484
1965	3,461,424	10,097,461	1,437,235
1966	3,200,392	9,186,946	1,316,197
1967	2,778,825	8,127,939	1,112,033
1968	2,755,205	7,557,480	1,026,707
1969	2,788,267	8,137,938	1,120,342
1970	2,956,430	9,215,920	1,300,247
1971	2,810,006	9,386,423	1,324,538
1972	2,366,297	7,878,263	1,075,055
1973	2,141,673	7,879,572	1,042,448
1974	2,107,885	10,796,894	1,339,130
1975	1,457,192	10,748,016	1,206,385
1976	847,597	9,453,489	1,027,850
1977-80	--	--	--
THROUGH			
1980	234,323,415	419,007,811	69,032,842

INCLUDES CONDENSATE

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy

OIL - INDIAN LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	226,045,559	394,487,234	46,918,207
1954	19,045,249	46,071,941	5,499,002
1955	18,774,998	45,326,267	5,402,873
1956	20,202,494	50,033,194	5,894,068
1957	22,677,437	61,415,199	7,199,899
1958	40,635,233	115,949,656	14,106,199
1959	58,811,820	151,471,392	19,994,323
1960	55,942,748	150,920,519	19,374,728
1961	48,009,443	130,009,749	17,300,598
1962	44,221,790	119,658,832	16,221,402
1963	42,548,979	114,408,938	15,526,478
1964	36,303,318	97,233,015	12,929,581
1965	34,116,898	91,078,279	12,374,509
1966	32,592,503	87,151,562	11,895,929
1967	36,483,324	79,121,493	13,677,738
1968	35,316,030	98,086,429	13,601,799
1969	32,066,528	94,042,802	12,939,597
1970	32,562,317	97,140,512	13,354,854
1971	31,621,676	101,863,385	14,141,481
1972	30,175,397	96,736,740	13,506,959
1973	28,065,695	104,134,115	14,712,464
1974	30,584,906	157,972,638	28,829,881
1975	29,380,210	227,956,041	33,608,145
1976	27,217,290	223,462,629	34,439,410
1977	25,032,609	209,053,936	31,327,991
1978	24,278,290	215,563,604	32,575,605
1979	23,673,120	268,472,077	43,488,472
1980	21,991,768	449,435,039	67,185,913
THROUGH			
1990	1,108,678,751	4,159,197,227	578,028,105

INCLUDES CONDENSATE

GAS - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(1)	ROYALTY VALUE(\$)
1954	2,912,663,169	223,086,363	26,352,101
1955	384,946,114	41,457,440	5,426,341
1956	431,148,864	46,679,037	6,365,590
1957	408,515,610	53,099,064	7,047,311
1958	618,622,081	70,891,563	9,058,294
1959	684,146,335	81,343,225	10,560,144
1960	831,004,688	119,196,457	15,670,463
1961	946,545,802	143,293,059	19,075,286
1962	1,024,616,870	160,507,813	21,464,112
1963	1,174,691,417	195,749,243	27,852,239
1964	1,366,820,959	223,928,725	31,580,464
1965	1,505,193,543	249,428,960	35,033,270
1966	1,556,524,155	275,857,021	36,478,721
1967	2,020,097,414	346,945,625	48,005,363
1968	2,404,172,359	397,688,684	52,114,354
1969	2,603,945,807	450,970,202	68,457,026
1970	3,042,277,611	520,793,543	77,863,986
1971	3,554,386,271	615,647,765	91,923,859
1972	3,949,927,513	736,679,701	110,855,352
1973	4,162,967,570	870,272,796	131,797,472
1974	4,364,221,909	985,645,458	149,507,948
1975	4,748,651,256	1,193,190,900	181,452,284
1976	4,569,549,389	1,580,462,641	242,706,300
1977	4,804,603,288	2,246,509,148	342,707,253
1978	4,904,225,951	3,646,753,825	560,342,156
1979	5,561,707,330	5,236,447,512	913,729,431
1980	5,800,841,248	7,656,987,591	1,195,387,889
THROUGH	5,787,597,088	9,826,948,170	1,541,299,615
1980	76,264,611,610	38,197,371,730	5,860,814,624

GAS - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,434,434,312	180,840,321	19,241,762
1954	260,661,003	28,447,239	3,349,697
1955	272,535,090	30,346,803	3,606,396
1956	312,918,567	34,441,069	4,095,207
1957	417,719,468	47,569,893	5,754,160
1958	417,713,018	47,247,637	5,827,649
1959	460,359,604	57,357,183	7,092,240
1960	513,463,510	66,353,677	8,139,267
1961	538,042,841	71,444,865	8,534,532
1962	518,137,371	71,306,325	8,884,420
1963	587,724,390	83,526,937	10,048,159
1964	664,939,303	94,972,112	11,582,894
1965	710,621,779	118,317,822	12,574,861
1966	807,015,632	126,190,744	14,165,726
1967	975,536,613	126,243,605	15,048,818
1968	942,192,519	136,927,127	16,566,225
1969	902,864,518	135,614,227	16,512,809
1970	933,930,236	144,097,667	17,778,962
1971	978,504,806	154,207,494	18,959,267
1972	927,262,696	169,559,796	20,888,677
1973	961,626,091	205,384,381	25,445,556
1974	1,049,699,049	264,763,891	32,982,392
1975	942,411,614	317,016,570	39,284,130
1976	1,026,551,041	497,277,294	61,284,631
1977	925,594,159	742,000,967	91,797,422
1978	1,010,774,197	938,707,468	115,968,904
1979	1,032,765,573	1,314,492,099	162,648,604
1980	993,400,253	1,671,505,922	207,304,570
THROUGH			
1980	22,591,619,452	7,676,961,155	965,567,937

GAS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOE	19,861,055	1,546,331	248,351
1954	56,325,083	4,393,968	705,779
1955	81,279,042	7,119,031	1,116,642
1956	82,892,538	6,995,060	1,103,698
1957	82,573,604	7,508,433	1,165,378
1958	127,692,849	15,733,942	2,313,500
1959	207,156,296	37,403,164	5,318,518
1960	272,034,451	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	106,793,758	16,136,781
1964	621,731,438	118,377,000	17,887,512
1965	645,589,469	126,977,562	19,248,110
1966	1,007,447,235	199,381,492	29,142,325
1967	1,187,215,750	227,694,353	32,034,125
1968	1,524,178,078	291,257,157	48,453,728
1969	1,954,486,975	355,770,489	57,390,306
1970	2,418,675,591	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	4,385,060,876	4,135,198,537	672,570,441
1979	4,672,979,139	6,125,502,223	1,002,697,388
1980	4,641,456,983	7,885,212,996	1,295,291,353
THROUGH			
1980	48,658,517,235	28,753,368,634	4,668,945,470

GAS - ACQUIRED LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	49,141,134	15,830,726	3,171,088
1954	7,432,954	2,434,203	331,899
1955	12,452,395	2,546,570	530,200
1956	14,563,264	3,069,601	549,884
1957	20,162,120	4,571,761	689,994
1958	28,035,077	5,271,016	948,812
1959	29,379,281	6,121,928	919,739
1960	27,936,767	5,356,788	910,297
1961	23,020,236	4,356,406	749,812
1962	19,630,273	4,155,524	578,929
1963	24,149,509	4,959,019	766,559
1964	40,637,419	9,590,751	1,395,024
1965	22,838,638	4,835,587	856,233
1966	27,561,794	5,730,189	1,007,470
1967	25,266,876	5,109,322	839,865
1968	25,192,539	5,479,838	988,455
1969	27,057,260	5,370,870	947,291
1970	34,194,101	7,294,894	1,187,618
1971	36,924,567	8,018,537	1,122,520
1972	39,843,511	9,021,615	1,225,563
1973	34,908,662	8,550,488	1,233,086
1974	28,622,424	8,070,883	1,057,327
1975	33,451,377	11,191,683	1,488,027
1976	31,158,641	13,580,942	1,363,975
1977	33,086,530	17,308,073	2,604,592
1978	33,501,445	25,524,413	5,954,624
1979	23,415,009	31,862,222	5,093,589
1980	23,613,402	39,577,151	6,228,080
THROUGH			
1980	778,376,295	275,181,000	45,040,557

CAS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION PCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	26,455,748	2,752,284	534,442
1954	23,070,446	2,646,564	604,239
1955	27,821,627	3,076,321	685,549
1956	37,763,033	4,379,812	793,268
1957	38,911,729	4,568,237	545,046
1958	34,047,738	4,041,245	567,004
1959	39,647,686	5,076,517	712,924
1960	36,114,748	4,721,478	739,924
1961	41,677,867	5,970,607	932,677
1962	86,382,829	12,984,649	2,607,667
1963	78,867,844	11,305,739	2,359,759
1964	67,496,659	9,645,309	1,978,952
1965	55,044,729	7,800,645	1,451,824
1966	47,944,559	6,702,801	1,221,595
1967	34,279,197	4,895,606	873,810
1968	32,355,031	4,341,222	737,228
1969	28,405,044	3,984,122	666,127
1970	24,275,230	3,523,494	581,972
1971	22,481,477	3,442,441	563,255
1972	25,364,900	4,285,247	669,626
1973	28,665,072	5,585,760	877,353
1974	26,677,235	6,714,919	1,074,211
1975	21,313,841	5,251,453	1,032,643
1976	21,804,398	9,428,439	1,554,140
1977	14,775,757	6,977,841	1,150,448
1978	20,812,038	11,385,339	1,893,804
1979	13,309,522	8,254,045	1,372,514
1980	13,589,225	10,568,264	1,749,374
THROUGH 1980	970,154,210	174,329,480	30,631,375

CAS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	146,820,047	9,350,120	1,372,832
1954	1,689,539	236,892	29,950
1955	1,844,356	253,914	33,514
1956	2,638,241	370,124	48,557
1957	3,195,104	595,024	76,088
1958	4,074,323	556,595	112,526
1959	4,934,293	1,162,773	152,207
1960	4,955,706	1,323,151	174,260
1961	6,144,654	1,736,308	273,296
1962	6,345,639	2,178,311	310,645
1963	6,259,892	2,057,564	298,556
1964	5,874,316	1,809,217	262,393
1965	5,735,395	1,698,676	244,275
1966	5,254,036	1,534,503	228,830
1967	5,130,528	1,543,544	209,132
1968	5,171,126	1,524,029	204,165
1969	4,769,758	1,431,470	191,003
1970	6,640,860	2,096,553	304,642
1971	4,550,787	1,591,662	207,959
1972	3,995,722	1,438,672	189,070
1973	3,546,616	1,333,942	172,936
1974	3,848,176	1,743,429	226,854
1975	3,576,068	2,333,759	303,898
1976	2,226,510	1,947,266	253,365
1977-80	--	--	--
THROUGH			
1980	249,231,692	42,252,838	5,883,153

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy

GAS - INDIAN LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIME	235,920,873	12,756,601	1,583,626
1954	34,967,089	3,279,583	404,777
1955	33,216,354	3,232,398	393,289
1956	37,729,967	3,844,298	456,697
1957	56,060,056	6,078,215	725,628
1958	72,583,331	8,192,500	990,653
1959	89,527,528	12,074,822	1,474,835
1960	91,040,620	12,756,351	1,575,464
1961	96,651,177	12,484,027	1,590,306
1962	92,242,646	12,915,238	1,621,976
1963	105,466,717	15,265,688	2,070,650
1964	104,514,408	14,934,491	1,926,495
1965	110,694,145	16,226,729	2,103,418
1966	124,874,168	17,205,096	2,239,417
1967	176,743,395	24,202,254	3,108,604
1968	74,855,514	11,360,029	1,507,225
1969	124,694,056	17,422,365	2,256,450
1970	136,669,253	20,498,749	2,625,438
1971	130,422,458	19,771,615	2,596,482
1972	127,945,968	22,219,087	2,932,106
1973	123,889,045	27,403,163	3,534,019
1974	125,080,466	34,247,352	4,457,548
1975	110,102,835	39,001,589	5,299,341
1976	126,539,172	71,332,644	9,561,114
1977	123,022,483	114,079,875	15,966,882
1978	111,558,772	125,631,755	17,341,658
1979	118,351,005	176,876,902	23,575,794
1980	115,338,225	219,983,837	30,726,238
THROUGH 1980	3,016,712,726	1,075,298,623	144,746,132

CASOLINE AND LPG - ALL LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1949	3,783,856,956	232,723,888	10,701,473
1954	256,093,458	16,846,162	837,701
1955	251,666,352	16,019,025	759,947
1956	267,011,652	17,252,322	929,501
1957	277,021,138	17,842,406	838,751
1958	337,113,070	21,694,271	971,167
1959	396,595,744	21,894,078	1,026,106
1960	484,226,511	23,097,742	1,166,119
1961	567,567,013	26,872,400	1,382,675
1962	640,291,022	27,877,009	1,714,376
1963	671,513,211	28,724,615	1,876,209
1964	650,488,537	29,186,422	1,897,341
1965	597,079,532	28,057,965	1,626,858
1966	633,776,306	32,100,432	1,804,624
1967	641,750,823	34,121,481	1,838,029
1968	569,929,209	29,707,775	1,573,462
1969	631,569,825	35,652,048	2,008,379
1970	1,701,029,693	32,777,186	5,293,101
1971	2,263,892,484	116,453,382	7,714,913
1972	2,378,392,069	122,440,171	8,211,174
1973	2,304,221,928	147,826,095	10,091,230
1974	2,598,801,391	317,502,020	23,034,221
1975	2,506,802,361	292,674,852	20,165,202
1976	2,384,445,023	307,085,063	22,787,813
1977	2,354,862,895	300,951,453	31,576,090
1978	1,013,414,514	144,586,147	10,530,465
1979	388,299,434	57,727,016	3,781,227
1980	288,749,142	140,948,672	7,926,064
THROUGH 1980	32,240,491,293	2,770,472,178	183,966,218

CASOLINE AND LPG - PUBLIC LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIN	2,050,764,992	172,342,786	7,584,220
1954	211,127,968	14,429,768	726,491
1955	202,773,556	13,449,401	650,864
1956	211,335,779	14,307,235	710,087
1957	217,881,775	14,789,482	715,168
1958	279,939,200	18,539,379	845,531
1959	303,635,937	17,235,440	847,100
1960	343,722,075	17,112,983	897,785
1961	400,958,487	20,039,775	995,226
1962	426,095,464	20,111,679	943,119
1963	414,404,169	19,008,943	821,221
1964	457,065,213	21,378,601	936,130
1965	438,046,383	21,874,102	902,683
1966	493,474,239	25,843,359	1,084,128
1967	711,565,564	27,657,586	1,193,060
1968	470,124,389	25,478,098	1,157,681
1969	512,379,860	22,833,226	930,726
1970	541,844,486	26,851,248	1,158,713
1971	616,556,653	31,284,235	1,360,494
1972	555,253,852	28,527,827	1,288,824
1973	573,042,559	36,615,625	1,799,921
1974	487,081,480	54,478,614	2,493,858
1975	435,831,752	56,486,208	2,965,984
1976	388,158,373	46,200,480	2,281,722
1977	251,831,232	55,683,778	3,164,466
1978	234,446,296	51,106,413	2,115,930
1979	356,095,839	51,772,761	3,174,282
1980	225,189,346	110,155,794	5,390,846
THROUGH 1980	13,621,627,018	1,056,750,106	49,495,270

CASOLINE AND LPG - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	222,430,316	9,777,811	714,111
1970	1,075,386,730	51,180,237	3,728,914
1971	1,550,667,787	90,563,166	5,944,366
1972	1,737,223,848	89,214,084	6,525,129
1973	1,634,809,398	105,437,650	7,768,081
1974	2,031,542,200	254,743,978	19,796,332
1975	1,983,172,050	216,042,645	16,375,770
1976	1,923,689,633	246,449,216	19,555,521
1977	2,054,570,979	314,542,294	27,687,770
1978	718,771,849	35,728,017	7,744,713
1979	(4,919,512)	(516,833)	12,157
1980	2,459,731	3,271,711	309,011
THROUGH			
1980	14,929,803,808	1,436,434,076	116,261,875

GASOLINE AND LPG - ACQUIRED LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	13,870,122	697,831	27,284
1955	57,410	2,271	37
1956	169,445	7,646	106
1957	449,195	23,021	406
1958	1,307,737	84,133	4,199
1959	535,548	23,146	2,160
1960	480,429	30,458	1,822
1961	307,719	19,985	1,205
1962	1,411,468	68,269	271
1963	973,567	40,956	1,228
1964	1,264,306	51,371	2,481
1965	438,608	16,695	852
1966	703,191	25,486	1,148
1967	507,078	18,382	1,116
1968	650,648	18,478	1,591
1969	588,420	13,395	1,181
1970	575,865	548,086	23,617
1971	2,328,936	(430,195)	(16,867)
1972	1,827,651	75,465	4,727
1973	961,331	36,255	2,866
1974	4,355,472	236,540	26,497
1975	4,616,836	1,024,136	107,007
1976	2,937,157	508,712	35,751
1977	3,999,246	601,251	37,020
1978	2,209,033	553,295	31,332
1979	(6,173,316)	(351,048)	(50,928)
1980	9,968,897	951,894	98,718
THROUGH	3,002,831	2,194,411	106,210
1980	57,123,832	7,120,034	453,048

GASOLINE AND LPG - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	665,580	30,142	3,768
1954	339,852	12,004	1,500
1955	299,011	10,921	1,365
1956	360,254	14,642	1,831
1957	366,647	13,911	1,729
1958	442,113	18,142	2,177
1959	502,310	20,524	2,566
1960	1,485,868	78,152	11,926
1961	12,513,282	550,723	93,983
1962	69,999,467	2,935,607	555,662
1963	82,142,231	3,687,580	761,153
1964	76,520,868	3,688,018	753,577
1965	65,052,254	2,990,171	557,862
1966	55,597,779	2,946,472	533,706
1967	40,273,458	2,400,287	430,687
1968	36,412,989	1,595,649	318,794
1969	31,149,114	1,374,551	225,040
1970	27,850,226	1,651,509	254,181
1971	22,419,494	1,358,205	220,869
1972	22,054,424	1,349,302	210,061
1973	25,165,511	1,848,567	291,232
1974	23,241,275	2,637,991	422,531
1975	18,870,076	2,469,688	395,224
1976	17,084,085	2,664,015	384,931
1977	10,123,526	1,743,100	284,249
1978	16,023,978	2,509,122	410,536
1979	8,741,775	1,797,601	290,976
1980	9,597,968	5,818,594	914,606
THROUGH 1980	675,310,509	45,235,270	8,336,732

CASDLINE AND LPG - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	406,088,134	36,368,856	1,867,733
1954	9,627,897	554,843	56,208
1955	9,527,839	533,455	49,482
1956	9,751,698	563,977	49,072
1957	10,755,157	969,170	53,258
1958	12,327,495	904,317	50,445
1959	13,282,240	993,659	56,431
1960	13,589,464	953,901	54,351
1961	13,674,947	934,913	66,947
1962	12,726,148	560,093	55,137
1963	13,007,028	971,389	55,031
1964	11,123,408	753,240	49,543
1965	12,177,153	920,419	49,817
1966	13,001,541	932,556	49,400
1967	12,258,535	737,388	47,010
1968	13,290,191	946,180	45,545
1969	11,365,892	733,287	40,400
1970	11,337,398	735,724	42,976
1971	14,077,265	952,607	68,637
1972	14,041,541	957,556	67,490
1973	14,031,836	1,033,433	64,709
1974	14,695,633	1,348,331	91,152
1975	13,026,308	1,525,373	97,985
1976	7,952,422	1,021,034	64,863
1977-80	--	--	--
THROUGH:			
1980	687,437,270	57,705,701	3,193,624

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy

GASOLINE AND LPG - INDIAN LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	511,665,029	23,354,273	918,468
1955	34,940,331	1,547,176	53,465
1956	39,097,501	1,717,602	58,130
1957	45,114,726	2,043,447	68,105
1958	46,699,822	1,985,790	64,387
1959	43,665,714	2,192,207	70,854
1960	70,594,728	3,303,797	120,187
1961	125,121,365	4,932,721	200,852
1962	138,988,829	5,248,620	226,248
1963	120,495,376	3,928,594	159,230
1964	160,695,477	5,105,332	236,323
1965	105,340,440	3,349,788	157,229
1966	81,100,551	2,247,767	115,348
1967	71,195,569	2,459,663	136,274
1968	77,002,618	3,307,742	165,681
1969	49,513,220	1,484,453	50,261
1970	52,668,778	394,987	24,475
1971	42,281,917	2,809,363	125,182
1972	58,243,634	2,249,604	115,820
1973	48,857,073	2,295,147	116,804
1974	52,829,152	2,664,271	140,790
1975	37,623,967	3,268,970	123,341
1976	51,564,218	5,542,226	294,488
1977	43,563,262	10,058,967	363,756
1978	35,158,131	7,313,986	408,272
1979	50,245,708	5,593,643	310,214
1980	10,411,435	3,821,593	205,094
THROUGH 1980	47,700,266	19,708,162	1,196,391
	2,269,180,856	134,126,991	6,225,669

CO-2 - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (1)	ROYALTY VALUE (\$)
PRIOD	2,135,068	9,437	5,072
1954	176,957	12,287	1,337
1955	203,127	19,829	2,479
1956	209,789	19,740	2,468
1957	176,977	16,464	2,058
1958	157,622	16,410	2,051
1959	142,683	16,102	1,974
1960	149,538	23,569	2,101
1961	227,469	37,352	3,350
1962	268,691	47,297	4,045
1963	437,601	73,970	6,741
1964	499,728	79,430	7,130
1965	346,858	67,739	5,615
1966	337,747	71,137	5,861
1967	385,461	77,032	6,335
1968	295,585	52,012	5,644
1969	303,471	52,011	6,527
1970	180,919	36,785	3,467
1971	250,646	53,406	5,268
1972	256,178	49,663	5,262
1973	299,892	47,669	4,970
1974	308,254	57,316	5,288
1975	369,164	72,012	7,292
1976	198,530	111,226	10,178
1977	279,385	173,091	16,839
1978	276,721	122,090	13,150
1979	206,308	151,570	14,616
1980	561,822	207,230	22,063
THROUGH 1980	5,651,490	1,794,176	179,181

CO-2 - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	2,126,068	9,437	5,072
1955	176,957	12,287	1,337
1956	203,127	19,029	2,479
1957	209,789	19,740	2,468
1958	176,977	16,464	2,058
1959	157,622	16,410	2,051
1960	141,111	15,597	1,950
1961	114,786	12,385	1,548
1962	172,329	19,599	2,450
1963	184,157	21,070	2,634
1964	220,139	39,235	4,531
1965	375,120	42,605	4,768
1966	227,716	29,378	3,640
1967	206,959	29,020	3,626
1968	247,995	32,774	4,096
1969	263,659	41,724	5,169
1970	253,149	47,041	5,726
1971	142,742	23,022	2,676
1972	201,913	38,908	4,425
1973	224,517	40,594	4,745
1974	237,412	33,007	4,088
1975	225,091	29,369	3,597
1976	295,734	52,352	6,073
1977	158,605	98,410	9,368
1978	279,385	173,091	16,839
1979	276,721	132,090	13,150
1980	206,308	151,570	14,616
THROUGH	561,022	207,330	22,063
1980	8,377,910	1,904,448	157,228

CO-2 - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	1,572	505	24
1960	34,752	11,184	553
1961	55,140	17,753	900
1962	84,534	26,227	1,411
1963	117,467	34,735	2,210
1964	124,608	36,825	2,362
1965	119,142	38,361	1,975
1966	130,788	42,117	2,235
1967	137,466	44,258	2,239
1968	31,926	10,276	475
1969	50,322	14,970	601
1970	46,176	13,763	791
1971	48,733	14,498	843
1972	31,661	9,069	517
1973	62,480	14,662	882
1974	83,163	27,947	1,696
1975	73,430	19,660	1,219
1976	40,225	12,916	910
1977-80	--	--	--
THROUGH			
1980	1,273,580	389,728	21,943
1975	1,283,897	392,807	22,018
1977	47,057	14,725	743
1978	460,571	141,000	7,564
1979	782,339	243,688	14,890
1980	773,043	243,116	14,152
1980	47,157,278	14,317,040	1,401,192

SALT - ALL LANDS
OUTER CONTINENTAL SHELF ONLY

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
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	38,234	6,389
1965	290,804	52,234	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	51,751	10,292
1970	269,691	48,544	8,091
1971	370,406	66,673	11,112
1972	358,782	54,581	10,764
1973	381,247	58,624	11,437
1974	346,411	52,354	10,392
1975	151,032	(54,212)	(8,469)
1976	(113,590)	(20,446)	(3,408)
1977-80 THROUGH	--	--	--
1980	4,751,619	773,882	129,546

SULFUR - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(1)	ROYALTY VALUE(2)
1954	40,651	207,514	20,488
1955	29,300	136,637	14,041
1956	24,618	111,943	10,136
1957	24,359	95,240	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	155,596	2,345,991	322,972
1961	444,997	7,620,523	1,193,419
1962	321,540	5,807,650	854,184
1963	588,610	11,360,107	1,633,853
1964	659,145	12,828,197	1,862,459
1965	1,093,224	23,106,864	3,185,135
1966	1,428,930	33,149,673	4,146,527
1967	1,445,960	37,986,803	4,196,878
1968	1,598,199	54,028,350	4,564,278
1969	1,262,728	49,657,786	3,706,530
1970	1,139,699	25,121,789	3,255,304
1971	1,216,461	24,220,603	3,471,472
1972	1,272,838	22,660,885	3,452,878
1973	1,487,753	24,143,729	3,625,147
1974	1,622,241	35,379,977	3,873,831
1975	1,345,977	72,493,407	3,922,688
1976	(582,396)	(38,075,966)	(1,573,398)
1977	47,056	647,226	23,710
1978	(830,571)	869,800	34,564
1979	702,339	546,666	16,890
1980	773,644	743,116	29,192
THROUGH 1980	17,657,279	408,915,060	45,901,173

SULFUR - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	100,130	85,599	32,679
1954	40,067	173,483	19,611
1955	29,200	136,637	14,091
1956	24,618	111,943	10,136
1957	24,359	95,249	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	58,571	583,125	37,188
1961	42,352	353,566	22,372
1962	35,401	297,740	18,315
1963	35,979	289,403	16,364
1964	24,166	77,011	3,364
1965	1,688	(290,439)	(12,827)
1966	37,480	518,371	17,430
1967	37,296	688,541	28,776
1968	39,845	752,199	35,742
1969	29,229	519,016	21,675
1970	39,661	476,548	19,075
1971	37,204	486,222	18,683
1972	95,384	365,433	14,026
1973	245,121	393,072	14,188
1974	317,722	550,858	20,914
1975	91,117	2,731,882	84,509
1976	(28,599)	(1,306,954)	(21,814)
1977	46,593	640,146	23,555
1978	(825,526)	897,540	39,197
1979	702,084	546,536	16,879
1980	773,529	742,905	29,171
THROUGH 1980	2,287,113	12,557,289	647,741

SULFUR - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION (T) TONS	PRODUCTION VALUE (1)	ROYALTY VALUE (\$)
1960	95,025	1,752,866	285,784
1961	401,521	7,252,931	1,170,733
1962	285,975	5,507,050	835,616
1963	552,573	11,069,637	1,517,471
1964	634,875	12,748,602	1,858,525
1965	1,090,950	23,387,005	3,197,532
1966	1,400,848	32,521,551	4,129,691
1967	1,409,276	37,291,107	4,167,804
1968	1,553,621	53,277,667	4,528,512
1969	1,232,939	49,129,573	3,684,432
1970	1,099,584	24,636,736	3,235,874
1971	1,178,400	23,718,211	3,452,117
1972	1,175,833	22,286,906	3,438,515
1973	1,235,358	23,748,632	3,510,757
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	--	--	--
1978	(5,090)	(27,091)	(4,648)
1979-80	--	--	--
THROUGH			
1980	15,343,301	396,191,546	45,246,615

SULFUR - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	624	14,026	314
1962	164	2,860	53
1963	58	1,067	18
1964	(136)	(1,910)	(2)
1965	1	7	1
1966-71	--	--	--
1972	89	794	14
1973	28	237	12
1974	727	9,358	179
1975	706	12,427	232
1976	432	7,495	142
1977	433	6,888	134
1978	18	48	4
1979	51	66	4
1980	4	58	5
THROUGH 1980	3,199	52,421	1,110

SULFUR - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	549	13,185	824
1954	584	14,031	877
1955-63	--	--	--
1964	240	4,494	562
1965	585	10,291	429
1966	602	9,751	406
1967	388	7,155	298
1968	4,733	8,484	24
1969	490	9,197	423
1970	454	8,505	355
1971	557	16,070	672
1972	532	7,752	323
1973	7,176	1,788	190
1974	42	319	38
1975	5,020	1,527	163
1976	42	644	68
1977	30	192	21
1978	27	103	11
1979	204	64	7
1980	111	153	16
TOTAL	23,666	113,704	5,707

OIL LOST - ALL LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	3,000	22,225	3,523
1975	25,860	151,959	19,654
1976	22,250	152,462	18,954
1977	74,081	515,020	75,948
1978	48,520	472,812	64,215
1979	17,191	191,912	25,172
1980	1,711	174,516	(4,836)
THROUGH			
1990	193,413	1,590,906	202,630

ALTHEA OIL FIELD - PUBLIC LANDS

YEAR	PRODUCTION (BARRELS)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	896	5,819	728
1975	22,926	173,905	15,095
1976	19,790	125,497	15,016
1977	24,832	237,101	29,674
1978	22,518	168,344	13,743
1979	11,672	95,875	12,321
1980	690	57,106	(22,305)
THROUGH			
1980	103,330	836,647	64,282

OIL LOST - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (1)	ROYALTY VALUE (\$)
1974	2,904	16,406	2,795
1975	2,660	26,404	4,365
1976	1,366	13,893	2,304
1977	49,147	276,992	46,152
1978	25,960	304,009	50,399
1979	4,770	57,272	10,870
1980	1,021	107,410	17,469
TOTAL	87,828	912,286	134,354

OIL LOST - ACQUIRED LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	121	703	83
1976	1,070	12,956	1,620
1977	59	530	66
1978	12	90	11
1979	736	15,679	1,960
1980	--	--	--
THROUGH			
1980	1,998	29,958	3,740

OIL LOST - INDIAN LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	153	947	111
1976	24	116	14
1977	43	397	56
1978	30	369	62
1979	7	86	11
1980	--	--	--
THROUGH 1990	257	1,915	254

GAS LOST - ALL LANDS
 TOTAL LOST - 1201 200

YEAR	PRODUCTION	PRODUCTION	ROYALTY
MCFT/1000	VALUE (\$)	VALUE (\$)	VALUE (\$)
1974	14,595,081	3,942,876	603,883
1975	20,461,790	6,945,542	1,041,766
1976	22,590,796	9,920,013	1,478,281
1977	21,552,043	13,562,258	1,971,628
1978	45,907,158	32,678,381	4,848,061
1979	18,907,535	15,227,011	2,629,326
1980	12,919,906	23,497,949	3,037,322
THRU 1980			
1980	157,974,309	105,803,830	15,610,287
TOTAL			

GAS LOST - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	15,080	5,982	747
1975	6,180,067	2,226,704	321,777
1976	6,729,996	3,129,194	414,407
1977	6,069,208	3,830,988	457,850
1978	13,262,747	11,103,970	1,405,814
1979	(2,060,427)	(5,628,990)	(695,972)
1980	(229,891)	(95,883)	(660,982)
THROUGH			
1980	29,966,780	14,571,965	1,243,641

CAS LOST - OUTER CONTINENTAL SHELF

2004/03/03/03/03 - 1201/243

YEAR	PRODUCTION	PRODUCTION	ROYALTY
TT JAYO	MCF	VALUE (T)	VALUE (\$)
1974	14,540,768	3,923,524	502,715
1975	14,085,390	4,626,434	709,658
1976	15,493,758	6,522,116	1,029,451
1977	15,148,979	9,159,109	1,443,719
1978	31,917,306	20,850,991	3,357,374
1979	20,896,282	20,732,506	3,307,259
1980	14,659,739	23,811,929	3,806,206
THROUGH			
1980	126,770,222	89,746,609	14,258,382

GAS LOST - ACQUIRED LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	11,233	3,370	421
1975	179,445	73,542	9,039
1976	296,862	234,495	26,697
1977	328,647	506,008	60,145
1978	662,785	550,571	74,966
1979	94,258	135,368	3,424
1980	(464,053)	(188,810)	(105,173)
THROUGH			
1980	1,109,177	1,324,544	155,519

GAS LOST - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION	PRODUCTION	ROYALTY
YR	MCF	VALUE (\$)	VALUE (\$)
1975	18	9	4
1976-80			
THROUGH			
1980	18	8	4
1981			
1982			
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2100			

GAS LOST - INDIAN LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	16,870	8,854	1,288
1976	70,180	53,208	7,726
1977	45,209	66,153	9,924
1978	64,320	62,849	9,907
1979	(22,578)	(1,073)	14,625
1980	(45,889)	(29,287)	(4,729)
THROUGH 1980	128,112	160,704	38,741

GEO THERMAL - ALL LANDS

PUBLIC LANDS ONLY

YEAR	PRODUCTION KWH	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1980 THROUGH 1980	335,167,304	6,032,991	754,124
ALABAMA	17,477,007	309,830	38,911
CALIFORNIA	17,477,007	309,830	38,911
COLORADO	17,477,007	309,830	38,911
KANSAS	17,477,007	309,830	38,911
LOUISIANA	17,477,007	309,830	38,911
MISSISSIPPI	17,477,007	309,830	38,911
MONTANA	17,477,007	309,830	38,911
NEBRASKA	17,477,007	309,830	38,911
NEVADA	17,477,007	309,830	38,911
NEW MEXICO	17,477,007	309,830	38,911
NORTH DAKOTA	17,477,007	309,830	38,911
OKLAHOMA	17,477,007	309,830	38,911
SOUTH DAKOTA	17,477,007	309,830	38,911
UTAH	17,477,007	309,830	38,911
WYOMING	17,477,007	309,830	38,911
TOTAL	335,167,304	6,032,991	754,124

HOT WATER - ALL LANDS

PUBLIC LANDS ONLY

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1980 THROUGH 1980	1,088,400	26,175	2,618
1980	1,088,400	26,175	2,618
1979	1,088,400	26,175	2,618
1978	1,088,400	26,175	2,618
1977	1,088,400	26,175	2,618
1976	1,088,400	26,175	2,618
1975	1,088,400	26,175	2,618
1974	1,088,400	26,175	2,618
1973	1,088,400	26,175	2,618
1972	1,088,400	26,175	2,618
1971	1,088,400	26,175	2,618
1970	1,088,400	26,175	2,618
1969	1,088,400	26,175	2,618
1968	1,088,400	26,175	2,618
1967	1,088,400	26,175	2,618
1966	1,088,400	26,175	2,618
1965	1,088,400	26,175	2,618
1964	1,088,400	26,175	2,618
1963	1,088,400	26,175	2,618
1962	1,088,400	26,175	2,618
1961	1,088,400	26,175	2,618
1960	1,088,400	26,175	2,618
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1947	1,088,400	26,175	2,618
1946	1,088,400	26,175	2,618
1945	1,088,400	26,175	2,618
1944	1,088,400	26,175	2,618
1943	1,088,400	26,175	2,618
1942	1,088,400	26,175	2,618
1941	1,088,400	26,175	2,618
1940	1,088,400	26,175	2,618
1939	1,088,400	26,175	2,618
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1926	1,088,400	26,175	2,618
1925	1,088,400	26,175	2,618
1924	1,088,400	26,175	2,618
1923	1,088,400	26,175	2,618
1922	1,088,400	26,175	2,618
1921	1,088,400	26,175	2,618
1920	1,088,400	26,175	2,618
1919	1,088,400	26,175	2,618
1918	1,088,400	26,175	2,618
1917	1,088,400	26,175	2,618
1916	1,088,400	26,175	2,618
1915	1,088,400	26,175	2,618
1914	1,088,400	26,175	2,618
1913	1,088,400	26,175	2,618
1912	1,088,400	26,175	2,618
1911	1,088,400	26,175	2,618
1910	1,088,400	26,175	2,618
1909	1,088,400	26,175	2,618
1908	1,088,400	26,175	2,618
1907	1,088,400	26,175	2,618
1906	1,088,400	26,175	2,618
1905	1,088,400	26,175	2,618
1904	1,088,400	26,175	2,618
1903	1,088,400	26,175	2,618
1902	1,088,400	26,175	2,618
1901	1,088,400	26,175	2,618
1900	1,088,400	26,175	2,618

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION (BARRELS)	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
ALABAMA	4,542	59,822	35,669
ALASKA	3,937,311	37,946,840	4,751,805
CALIFORNIA	17,295,801	407,001,288	49,845,433
COLORADO	9,773,579	176,638,997	30,210,973
KANSAS	298,638	4,857,553	607,296
LOUISIANA	369,736	1,559,623	743,590
MISSISSIPPI	34,420	695,252	86,902
MONTANA	5,839,110	94,556,838	11,879,823
NEBRASKA	102,616	3,259,662	513,043
NEVADA	863,716	13,776,240	1,715,781
NEW MEXICO	21,663,030	530,175,721	65,316,775
NORTH DAKOTA	6,076,087	200,801,846	24,915,600
OKLAHOMA	149,572	3,689,694	424,588
SOUTH DAKOTA	115,462	2,919,009	364,876
UTAH	5,310,539	78,461,156	9,926,441
WYOMING	70,461,886	1,538,660,874	191,305,355
TOTAL	142,296,055	3,096,771,066	392,643,950

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(MCF)		GAS
ALABAMA	18,700	51,134	6,557
ALASKA	81,370,875	49,959,224	6,244,903
ARKANSAS	361,852	691,307	86,413
CALIFORNIA	5,323,892	8,575,712	890,743
COLORADO	55,503,755	76,462,019	9,156,072
KANSAS	10,122,400	9,059,186	1,131,369
LOUISIANA	1,145,135	1,828,422	230,052
MONTANA	11,810,466	14,001,959	1,717,555
NEBRASKA	438,667	662,771	110,462
NEW MEXICO	583,563,026	1,062,762,116	132,770,957
NORTH DAKOTA	2,025,414	3,846,219	476,446
OKLAHOMA	10,795,202	17,540,527	1,936,258
SOUTH DAKOTA	436,131	981,656	122,707
UTAH	27,231,897	48,868,522	6,066,724
WYOMING	203,248,781	376,214,848	46,357,312
TOTAL	993,400,253	1,671,505,922	207,304,570
	(GALLONS)		GASOLINE AND LPG
ALABAMA	145	1,466	586
ALASKA	2,598,573	120,212	15,027
CALIFORNIA	12,851,761	6,377,359	252,002
COLORADO	12,958,715	9,619,318	651,375
LOUISIANA	300,489	601,202	75,162
MONTANA	4,060,005	2,107,215	78,103
NEBRASKA	849,455	361,716	13,883
NEW MEXICO	107,165,120	49,145,279	2,212,992
NORTH DAKOTA	1,406,426	2,264,417	93,097
OKLAHOMA	98,100	44,893	5,612
UTAH	20,712,378	9,026,973	405,947
WYOMING	62,168,129	30,403,654	1,496,060
TOTAL	225,189,346	110,155,794	5,299,846

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(TONS)	SULFUR	
MONTANA	51,953	118,617	4,441
NEW MEXICO	245,250	206,663	9,847
NORTH DAKOTA	3	54	1
WYOMING	476,283	417,571	14,882
TOTAL	773,529	742,905	29,171
	(MCF)	CO-2	
CALIFORNIA	774	461	21
COLORADO	561,048	206,869	22,042
TOTAL	561,822	207,330	22,063
	(BARRELS)	OIL LOST	
CALIFORNIA	1,033	72,361	9,049
MONTANA	--	--	(29,556)
NEW MEXICO	(1,297)	(1,624)	(647)
WYOMING	914	739	(1,151)
TOTAL	650	67,106	(22,305)

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(MCF)	GAS LOST	
ALASKA	--	(32,424)	(4,053)
ARKANSAS	(8,333)	(6,744)	(843)
CALIFORNIA	5,828	97,080	12,135
COLORADO	(734)	(425)	(38,971)
LOUISIANA	(164,420)	(55,729)	(23,106)
MONTANA	(7,783)	(3,113)	(34,945)
NEBRASKA	13,888	19,701	3,283
NEW MEXICO	(21,857)	1,668	302
NORTH DAKOTA	13,120	8,975	(79,344)
OKLAHOMA	--	--	(12,402)
UTAH	(61,406)	(121,170)	(35,222)
WYOMING	1,836	(2,652)	(447,816)
TOTAL	(229,851)	(91,883)	(660,982)
	KILOWATT HOURS	ELECTRICAL	
CALIFORNIA	335,167,304	6,022,561	754,124
	GALLONS	HOT-WATER	
CALIFORNIA	1,088,400	20,175	2,618
TOTAL PUBLIC		4,888,413,406	605,473,055
ALASKA			
ARKANSAS			
CALIFORNIA			
COLORADO			
LOUISIANA			
MONTANA			
NEBRASKA			
NEW MEXICO			
NORTH DAKOTA			
OKLAHOMA			
UTAH			
WYOMING			
TOTAL			

OUTER CONTINENTAL SHELF
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)		
CALIFORNIA	10,198,886	111,407,469	18,567,912
LOUISIANA	239,908,850	4,506,131,180	732,523,049
TEXAS	8,701,375	165,998,061	27,666,050
TOTAL	258,809,111	4,783,536,710	778,757,011
	(BARRELS)		
LOUISIANA	16,779,232	326,710,741	52,003,093
TEXAS	1,800,622	32,864,335	5,477,282
TOTAL	18,579,854	359,575,076	58,480,375
	(BARRELS)		
CALIFORNIA	10,198,886	111,407,469	18,567,912
LOUISIANA	256,688,082	4,832,841,921	785,526,142
TEXAS	10,502,007	168,862,266	33,143,332
TOTAL	277,388,975	5,143,111,786	897,237,386
	(MCF)		
CALIFORNIA	3,107,023	2,425,833	405,972
LOUISIANA	4,013,707,434	6,578,100,474	1,077,439,212
TEXAS	624,642,526	1,304,670,689	217,446,169
TOTAL	4,641,456,983	7,885,212,996	1,295,291,353
	(GALLONS)		
LOUISIANA	2,458,731	3,271,711	309,011
	(BARRELS)		
LOUISIANA	(152)	90,445	14,641
TEXAS	1,213	16,965	2,828
TOTAL	1,021	107,410	17,469

OUTER CONTINENTAL SHELF

CALENDAR YEAR 1980

STATE	PRODUCTION (MCF)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
CALIFORNIA	289	81	13
LOUISIANA	14,598,640	21,655,683	3,448,831
TEXAS	60,810	2,156,165	359,362
TOTAL	14,659,739	23,811,929	3,808,206
TOTAL O.C.S.		13,055,515,832	2,136,663,425

ACQUIRED LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION (BARRELS)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	6,100	81,647	10,213
ARKANSAS	478	7,257	1,209
CALIFORNIA	287,142	4,035,010	590,412
COLORADO	9,055	233,101	27,467
FLORIDA	910	16,865	2,108
ILLINOIS	79	2,809	468
KANSAS	53,111	700,261	133,115
LOUISIANA	1,343,831	18,720,873	1,913,300
MICHIGAN	99,714	2,443,015	201,700
MISSISSIPPI	801,933	17,335,551	2,165,171
MONTANA	42,856	1,627,622	191,174
NEBRASKA	237	7,049	881
NEW MEXICO	1,734	43,007	5,376
NORTH DAKOTA	4,026,222	115,867,111	13,276,137
OHIO	4,679	113,028	14,121
OKLAHOMA	35,274	964,544	123,458
SOUTH DAKOTA	13,306	475,547	59,443
TEXAS	139,152	2,586,070	262,056
UTAH	46,985	1,032,236	129,030
WYOMING	113,210	2,746,933	355,390
TOTAL	7,026,008	169,039,576	19,662,229

ACQUIRED LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(MCF)		GAS
ARKANSAS	1,901,004	4,133,238	516,411
CALIFORNIA	2,565,301	5,373,878	2,219,976
COLORADO	258,255	376,821	43,029
KANSAS	1,328,042	748,131	98,672
KENTUCKY	279,887	335,864	36,892
LOUISIANA	6,613,244	7,044,922	748,831
MARYLAND	4,482	9,905	1,238
MICHIGAN	594,958	946,864	113,029
MISSISSIPPI	153,280	247,965	30,743
MONTANA	1,861,319	3,893,498	486,423
NEW MEXICO	858,109	2,082,162	260,270
NORTH DAKOTA	1,776,092	3,468,849	414,248
OHIO	78,557	67,428	8,426
OKLAHOMA	4,055,530	8,189,761	1,032,728
TEXAS	1,242,455	2,196,307	148,001
UTAH	18,688	36,860	4,608
WEST VIRGINIA	2,533	2,085	264
WYOMING	221,666	522,613	64,291
TOTAL	23,813,402	39,677,151	6,228,080
	(GALLONS)	GASOLINE AND LPG	
COLORADO	23,671	3,947	164
LOUISIANA	2,178	8,873	1,109
MONTANA	15,527	8,572	270
NORTH DAKOTA	2,605,514	1,765,147	70,516
OKLAHOMA	770	1,280	173
TEXAS	114,345	56,661	6,482
UTAH	140,676	73,408	3,225
WYOMING	900,150	276,423	24,271
TOTAL	3,802,831	2,194,411	106,210

CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
NORTH DAKOTA	(TONS)	SULFUR	
	4	58	5
	(MCF)	GAS LOST	
ARKANSAS	(43,362)	(40,363)	(5,045)
LOUISIANA	(405,264)	(137,073)	(19,053)
NORTH DAKOTA	(15,427)	(11,374)	(76,960)
UTAH	--	--	(356)
WYOMING	--	--	(3,759)
TOTAL	(464,053)	(188,810)	(105,173)
TOTAL ACQUIRED		210,722,366	25,891,351

MILITARY & MISCELLANEOUS LANDS

CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)	OIL	
KENTUCKY	6,497	242,734	36,406
LOUISIANA	341,136	5,746,799	926,207
MISSISSIPPI	(37,967)	(78,026)	(13,005)
OKLAHOMA	8,028	216,542	36,090
TEXAS	59,530	669,856	111,366
TOTAL	377,224	6,797,905	1,097,064
	(MCF)	GAS	
ARKANSAS	2,672,506	3,810,643	635,107
LOUISIANA	10,197,482	5,793,274	953,919
MISSISSIPPI	55,488	110,070	18,345
OKLAHOMA	561,481	789,494	131,582
TEXAS	101,268	64,783	10,421
TOTAL	13,588,225	10,566,264	1,749,374
	(GALLONS)	GASOLINE AND LPG	
LOUISIANA	8,912,603	5,371,059	878,762
OKLAHOMA	511,825	183,840	25,607
TEXAS	173,540	63,695	10,237
TOTAL	9,597,968	5,618,594	914,606
TOTAL MIL & MIS		22,984,763	3,761,044

INDIAN LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(BARRELS)		OIL
ARIZONA	405,239	5,246,547	817,619
COLORADO	54,140	1,043,361	153,401
MICHIGAN	82	3,040	247
MONTANA	1,303,624	39,911,288	6,038,578
NEW MEXICO	2,028,233	61,309,561	8,390,707
NORTH DAKOTA	80,686	1,591,579	208,130
OKLAHOMA	3,679,365	92,375,905	12,480,631
SOUTH DAKOTA	3,706	87,005	14,501
UTAH	9,597,679	167,272,016	26,573,970
WYOMING	4,839,034	80,592,737	12,508,129
TOTAL	21,991,788	449,435,039	67,185,513
	(MCF)		GAS
ARIZONA	128,600	158,241	19,780
COLORADO	15,716,835	20,421,385	2,582,020
MONTANA	1,037,248	1,696,670	269,830
NEW MEXICO	56,446,459	116,155,519	15,515,923
NORTH DAKOTA	99,871	65,547	8,213
OKLAHOMA	25,294,586	42,135,536	5,962,793
UTAH	3,729,220	18,243,023	2,982,001
WYOMING	12,885,366	21,107,916	3,385,668
TOTAL	115,338,225	219,983,837	30,726,238
	(GALLONS)		GASOLINE AND LPG
COLORADO	166,371	156,031	8,463
MONTANA	396,600	183,591	8,470
NEW MEXICO	52,818	24,276	1,012
NORTH DAKOTA	356,101	370,712	14,613
OKLAHOMA	1,325,112	448,476	65,572
UTAH	45,153,733	18,337,314	1,074,242
WYOMING	245,531	207,762	24,019
TOTAL	47,700,266	19,700,162	1,196,391

INDIAN LANDS

CALENDAR YEAR 1980

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
NORTH DAKOTA	111 (TONS)	153	16
NEW MEXICO	(MCF) (45,8E9)	GAS LOST (29,287)	(4,642)
UTAH	--	--	(86)
WYOMING	--	--	(1)
TOTAL INDIAN	(45,8E9)	(29,287)	(4,729)
TOTAL ALL LANDS		689,097,904	99,103,829
		18,866,734,291	2,870,892,704

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	15,811	51,993	3,120	--	--	--
1959	14,728	44,476	2,780	--	--	--
1960	44,145	131,999	8,237	--	--	--
1961	18,332	54,154	3,385	--	--	--
1962	31,175	85,821	5,364	--	--	--
1963	47,752	127,237	10,315	--	--	--
1964	45,646	121,877	10,762	--	--	--
1965	25,459	67,790	8,473	--	--	--
1966	18,879	50,212	6,277	--	--	--
1967	27,538	78,040	9,755	--	--	--
1968	21,526	61,056	7,632	--	--	--
1969	22,185	65,184	8,169	--	--	--
1970	20,553	63,343	7,914	--	--	--
1971	21,748	72,773	9,096	1,467	94	12
1972	21,449	71,922	8,990	2,272	145	18
1973	17,320	64,584	8,073	--	--	--
1974	18,127	91,737	11,467	--	--	--
1975	10,717	54,615	6,827	--	--	7
1976	18,637	148,887	18,610	3,976	7,503	938
1977	10,567	57,719	7,215	107	215	27
1978	9,757	55,453	6,932	--	--	--
1979	9,964	107,387	13,456	4	4	1
1980	10,642	141,479	45,882	18,700	51,134	6,557
TOTALS	502,657	1,869,738	228,731	26,526	59,095	7,553

ALABAMA OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

ALABAMA

--- GASOLINE AND LPG ---

----- GAS LOST -----

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	17,601	817	102	--	--	--
1970	11,147	660	78	--	--	--
1971	17,228	1,141	143	--	--	--
1972	11,427	714	89	--	--	--
1973	11,870	1,061	132	--	--	--
1974	8,256	2,158	270	--	--	--
1975	4,969	819	102	--	--	--
1976	6,542	1,321	165	3,813	7,156	894
1977	3,610	1,393	174	--	--	--
1978	6,314	1,554	194	--	--	--
1979	770	184	26	--	--	--
1980	145	1,466	586	--	--	--
TOTALS	99,879	13,288	2,061	3,813	7,156	894

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

CALENDAR YEAR	< TOTAL ALL PRODUCTS >		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	15,811	51,992	3,120
1959	14,728	44,476	2,780
1960	44,145	131,999	8,237
1961	18,332	54,154	3,385
1962	31,175	85,821	5,264
1963	47,752	127,237	10,315
1964	45,646	121,877	10,762
1965	25,459	67,790	8,473
1966	18,879	50,212	6,277
1967	27,538	78,040	9,755
1968	21,526	61,056	7,632
1969	39,786	66,001	8,271
1970	31,700	64,003	7,992
1971	40,442	74,000	9,251
1972	35,148	72,781	9,097
1973	29,190	65,645	8,205
1974	26,382	93,895	11,737
1975	15,686	55,424	6,529
1976	32,968	164,867	20,607
1977	14,284	59,327	7,416
1978	16,071	57,007	7,126
1979	10,738	107,575	13,483
1980	29,487	104,075	53,025
TOTALS	632,875	1,949,277	239,239

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1963	14,186	37,807	4,726	--	--	--
1964	14,890	39,683	4,960	--	--	--
1965	9,412	25,063	3,135	--	--	--
1966	6,386	16,982	2,123	--	--	--
1967	9,410	26,666	3,333	--	--	--
1968	7,353	20,856	2,607	--	--	--
1969	7,578	22,266	2,783	--	--	--
1970	7,020	21,637	2,702	--	--	--
1971	7,429	24,858	3,107	561	32	4
1972	7,327	24,568	3,071	776	50	6
1973	5,916	22,061	2,758	--	--	--
1974	6,192	31,336	3,917	--	--	--
1975	3,661	19,656	2,332	--	--	--
1976	10,931	108,524	13,565	3,976	7,503	938
1977	3,773	21,594	2,699	107	215	27
1978	3,402	19,206	2,401	--	--	--
1979	2,638	16,104	2,046	4	4	1
1980	4,542	59,832	35,669	18,700	51,134	6,557
TOTALS	132,046	557,719	97,924	24,064	58,938	7,533

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

<--- GASOLINE AND LPC --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	6,012	279	25	--	--	--
1970	3,808	225	27	--	--	--
1971	5,885	390	49	--	--	--
1972	3,903	244	30	--	--	--
1973	4,055	362	45	--	--	--
1974	2,820	737	92	--	--	--
1975	1,697	280	35	--	--	--
1976	2,235	451	56	3,613	7,156	894
1977	1,233	476	59	--	--	--
1978	2,268	320	40	--	--	--
1979	264	68	11	--	--	--
1980	145	1,466	566	--	--	--
TOTALS	34,325	5,298	1,065	3,613	7,156	894

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	15,811	51,993	3,120	--	--	--
1959	14,729	44,476	2,760	--	--	--
1960	44,145	131,999	8,227	--	--	--
1961	18,332	54,154	3,385	--	--	--
1962	31,175	85,821	5,364	--	--	--
1963	33,566	89,430	5,589	--	--	--
1964	30,756	82,194	5,802	--	--	--
1965	16,047	42,707	5,338	--	--	--
1966	12,493	33,230	4,154	--	--	--
1967	18,128	51,374	6,422	--	--	--
1968	14,173	40,200	5,025	--	--	--
1969	14,607	42,918	5,386	--	--	--
1970	13,533	41,706	5,212	--	--	--
1971	14,319	47,915	5,989	966	67	8
1972	14,122	47,354	5,919	1,496	95	12
1973	11,404	42,523	5,315	--	--	--
1974	11,935	60,401	7,550	--	--	--
1975	7,056	35,959	4,495	--	--	--
1976	7,706	40,363	5,045	--	--	--
1977	6,794	36,125	4,516	--	--	--
1978	6,355	36,247	4,531	--	--	--
1979	7,326	91,283	11,410	--	--	--
1980	6,100	81,647	10,213	--	--	--
TOTALS	370,611	1,312,019	130,797	2,462	157	20

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	--	--	--	15,811	51,993	3,120
1959	--	--	--	14,728	44,476	2,790
1960	--	--	--	44,145	131,900	5,237
1961	--	--	--	18,332	54,154	3,285
1962	--	--	--	31,175	85,821	5,354
1963	--	--	--	23,566	89,430	5,499
1964	--	--	--	30,756	32,194	5,502
1965	--	--	--	16,047	42,707	5,229
1966	--	--	--	12,493	33,230	4,154
1967	--	--	--	18,128	51,374	6,422
1968	--	--	--	14,173	40,200	5,025
1969	11,589	538	67	26,196	43,456	5,452
1970	7,339	435	51	20,872	42,141	5,263
1971	11,343	751	94	24,628	48,721	6,091
1972	7,524	470	59	23,142	47,919	5,600
1973	7,815	699	87	19,219	43,222	5,402
1974	5,436	1,421	178	17,371	61,822	7,729
1975	3,272	539	67	10,328	36,491	4,552
1976	4,307	870	109	12,013	41,233	5,154
1977	2,377	917	115	9,171	37,042	4,631
1978	4,046	1,234	154	10,401	37,481	4,685
1979	506	116	15	7,622	91,399	11,425
1980	--	--	--	6,100	81,647	10,213
TOTALS	65,554	7,990	996	438,627	1,320,166	131,013

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (¢)	ROYALTY VALUE (¢)	QUANTITY MCF	PRODUCTION VALUE (¢)	ROYALTY VALUE (¢)
1959	208,762	331,158	16,558	--	--	--
1960	559,156	1,296,320	109,150	12,960	3,868	356
1961	6,303,129	17,517,786	1,802,071	261,308	77,090	6,428
1962	10,260,048	31,223,294	3,280,574	1,330,007	442,575	33,009
1963	10,736,895	32,870,352	3,476,113	5,985,146	1,496,060	102,825
1964	11,052,909	33,980,026	3,609,980	929,344	232,324	37,488
1965	11,099,887	33,983,775	3,545,017	4,235,553	1,019,115	87,818
1966	11,708,994	35,837,885	3,738,429	22,755,792	4,158,109	353,822
1967	12,983,363	40,311,807	4,435,086	26,940,763	5,007,298	426,641
1968	13,621,142	41,719,938	5,215,077	33,228,536	5,683,027	528,422
1969	13,150,976	40,362,463	5,045,276	43,750,751	7,576,250	704,772
1970	12,410,024	38,879,122	4,859,891	59,473,532	10,039,667	1,288,677
1971	11,466,779	38,857,931	4,857,229	52,580,012	9,026,764	1,128,774
1972	8,898,708	30,021,254	3,752,657	56,284,763	9,876,720	1,234,591
1973	10,481,034	41,144,666	5,143,084	52,840,584	9,511,768	1,188,971
1974	10,139,915	61,922,889	7,740,362	50,936,041	10,170,463	1,309,547
1975	9,078,072	49,091,921	6,136,490	58,009,591	16,077,934	2,009,742
1976	7,893,621	41,792,966	5,224,122	60,582,927	19,208,340	2,401,045
1977	6,257,219	33,525,710	4,190,715	63,700,683	20,636,420	2,579,555
1978	5,110,714	27,545,543	3,443,194	80,204,000	28,745,333	3,593,219
1979	4,554,610	28,795,786	3,599,474	78,994,238	32,100,584	4,012,572
1980	3,937,311	37,946,840	4,751,805	81,370,075	40,559,224	6,244,503
TOTALS	191,913,266	738,959,232	87,972,354	634,426,412	241,306,996	29,272,678

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	182,510	16,518	688	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,228,141	131,251	16,406	--	--	--
1972	509,800	29,648	3,688	--	--	--
1973	4,642,875	333,470	42,449	--	--	--
1974	4,030,598	626,248	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	65,233	8,154	--	--	--
1977	3,591,740	105,592	13,198	--	--	--
1978	2,736,316	99,055	12,382	900	4,595	574
1979	3,357,733	129,916	16,240	--	--	--
1980	2,598,573	120,212	15,077	--	--	--
TOTALS	37,978,049	2,270,931	270,080	900	4,595	574

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	--	--	--	208,762	331,158	16,558
1960	--	--	--	572,116	1,300,188	109,506
1961	--	--	--	6,564,437	17,504,885	1,808,400
1962	--	--	--	11,590,055	31,665,869	3,313,583
1963	--	--	--	16,722,041	34,366,412	3,578,638
1964	--	--	--	11,982,253	24,212,360	3,647,460
1965	--	--	--	15,335,440	35,002,890	3,632,835
1966	--	--	--	34,464,793	29,995,994	6,092,251
1967	--	--	--	39,924,126	45,319,105	4,861,127
1968	--	--	--	47,042,138	47,619,383	5,744,187
1969	--	--	--	59,831,432	48,172,461	5,762,292
1970	--	--	--	74,515,297	49,063,358	6,159,346
1971	--	--	--	67,274,932	48,015,846	6,002,409
1972	--	--	--	65,693,271	39,927,631	4,990,936
1973	--	--	--	67,972,493	50,989,904	6,374,504
1974	--	--	--	65,106,554	72,719,600	9,132,608
1975	1,953,834	470,573	58,822	72,795,277	65,935,808	8,241,991
1976	568,070	132,871	16,609	72,830,145	61,199,419	7,649,930
1977	335,629	76,600	9,575	73,885,271	54,344,341	6,793,043
1978	169,673	42,764	5,346	88,221,620	56,437,290	7,054,815
1979	(2,644,049)	(668,134)	(83,517)	94,262,532	60,358,152	7,544,770
1980	--	(32,424)	(4,053)	97,906,759	87,993,852	11,007,682
TOTALS	383,157	22,250	2,782	1,064,701,794	982,565,906	117,518,668

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	208,762	331,158	16,558	--	--	--
1960	559,156	1,296,320	109,150	12,960	3,860	356
1961	6,303,129	17,517,786	1,902,071	261,200	77,099	6,428
1962	10,260,048	31,223,294	3,280,574	1,330,007	442,575	32,000
1963	10,736,895	32,870,352	3,476,113	5,985,146	1,496,060	102,825
1964	11,052,909	33,990,026	3,609,980	929,344	232,324	37,488
1965	11,099,887	33,993,775	3,545,017	4,235,552	1,019,115	87,818
1966	11,708,994	35,837,885	3,738,429	22,755,799	4,158,109	352,822
1967	12,983,363	40,311,807	4,435,086	26,840,762	5,007,298	426,041
1968	13,621,142	41,719,838	5,215,077	33,181,169	5,874,637	527,027
1969	13,150,976	40,362,463	5,045,276	43,616,256	7,556,826	701,535
1970	12,410,024	38,879,122	4,859,891	59,465,252	10,098,465	1,288,680
1971	11,466,779	38,857,831	4,857,229	52,502,598	9,016,490	1,127,062
1972	8,898,708	30,021,254	3,752,657	56,284,763	9,876,729	1,234,591
1973	10,481,034	41,144,666	5,143,084	52,848,584	9,511,768	1,188,971
1974	10,139,915	61,922,889	7,740,262	50,936,041	10,170,463	1,309,547
1975	9,078,072	49,091,921	6,136,490	58,009,581	16,077,934	2,009,742
1976	7,893,621	41,792,966	5,224,122	60,583,927	19,208,349	2,401,045
1977	6,257,219	33,525,710	4,190,715	63,700,682	20,636,429	2,579,555
1978	5,110,714	27,545,543	3,443,194	80,204,009	28,745,333	3,582,319
1979	4,554,610	28,795,786	3,599,474	78,984,238	32,100,584	4,012,572
1980	3,937,311	37,946,840	4,751,805	81,370,875	49,959,224	6,244,903
TOTALS	191,913,268	738,959,232	87,972,354	834,149,856	241,269,729	29,266,337

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	182,510	16,518	688	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,228,141	131,251	16,406	--	--	--
1972	509,800	29,648	3,688	--	--	--
1973	4,642,875	333,470	42,449	--	--	--
1974	4,030,598	626,248	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	55,233	8,154	--	--	--
1977	3,591,740	195,592	13,198	--	--	--
1978	2,736,316	99,055	12,382	908	4,595	574
1979	3,357,733	129,916	16,240	--	--	--
1980	2,598,573	120,212	15,027	--	--	--
TOTALS	37,978,049	2,270,831	270,080	908	4,595	574

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	--	--	--	208,762	331,158	16,558
1960	--	--	--	572,116	1,300,188	109,506
1961	--	--	--	6,564,437	17,594,885	1,808,499
1962	--	--	--	11,590,055	31,665,869	3,312,583
1963	--	--	--	16,722,041	34,366,412	3,576,535
1964	--	--	--	11,982,253	34,212,360	3,647,468
1965	--	--	--	15,235,440	35,002,890	3,632,835
1966	--	--	--	34,464,793	39,995,994	4,092,251
1967	--	--	--	39,924,126	45,319,105	4,861,127
1968	--	--	--	46,984,821	47,610,992	5,742,792
1969	--	--	--	59,696,927	48,153,038	5,759,045
1970	--	--	--	74,507,017	49,062,176	6,159,149
1971	--	--	--	67,197,519	48,005,572	6,000,697
1972	--	--	--	65,692,271	39,927,631	4,990,936
1973	--	--	--	67,972,493	50,989,904	6,374,504
1974	--	--	--	65,106,554	72,719,600	9,122,008
1975	1,953,834	470,573	58,022	72,795,277	65,935,806	8,241,991
1976	568,070	132,871	16,609	72,830,145	61,199,419	7,649,520
1977	335,629	76,600	9,575	73,385,271	54,344,341	6,793,043
1978	169,673	42,764	5,346	88,221,620	56,437,290	7,054,815
1979	(2,644,049)	(668,134)	(83,517)	84,262,532	60,250,152	7,544,770
1980	--	(32,424)	(4,052)	87,906,759	87,993,812	11,007,682
TOTALS	383,157	22,250	2,782	1,064,424,230	982,526,637	117,512,127

ARIZONA

OIL AND GAS OPERATIONS

INDIAN LANDS

ALASKA

CALENDAR YEAR	<----- GAS ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	57,367	8,390	1,395	57,367	8,390	1,395
1969	134,495	19,423	3,237	134,495	19,423	3,237
1970	8,280	1,182	197	8,280	1,182	197
1971	77,414	10,274	1,712	77,414	10,274	1,712
1972-80	--	--	--	--	--	--
TOTALS	277,556	39,269	6,541	277,556	39,269	6,541

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	--	--	--	4,056	486	61
1955	420	1,191	149	26,258	2,626	328
1956	258	742	93	6,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	548	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,610	29,420	--	--	--
1961	75,045	194,624	29,744	--	--	--
1962	47,819	119,296	19,654	183,190	25,871	6,026
1963	68,969	170,268	27,462	146,040	23,542	6,778
1964	64,465	159,217	25,774	293,782	37,326	7,761
1965	100,663	246,548	35,641	3,227,604	627,731	54,722
1966	131,417	325,386	45,899	1,710,598	270,520	38,465
1967	2,855,541	7,481,644	1,241,388	1,125,774	169,370	24,995
1968	3,422,277	9,178,537	1,524,136	1,094,268	209,482	28,156
1969	2,057,531	5,904,521	977,391	1,219,301	200,023	26,712
1970	1,907,001	6,324,124	1,041,576	1,182,161	215,705	27,791
1971	1,468,943	4,753,554	782,565	913,088	167,504	21,592
1972	998,073	3,298,108	539,626	523,835	100,960	13,254
1973	807,069	3,066,696	504,104	198,643	37,811	5,182
1974	738,321	3,993,170	657,663	22,719	4,504	793
1975	631,723	3,519,501	569,243	604	145	87
1976	521,470	2,867,740	459,217	29,676	13,458	1,680
1977	430,243	2,358,735	363,689	33,533	15,997	2,000
1978	418,132	2,559,621	400,168	37,689	86,782	10,849
1979	470,174	3,912,432	624,563	94,563	68,151	8,519
1980	405,239	5,248,547	817,619	128,600	158,241	19,790
TOTALS	17,730,457	65,947,347	10,731,207	12,693,760	2,437,971	336,191

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	4,056	400	61
1955	26,670	3,817	477
1956	6,324	1,349	169
1957	17	48	6
1958	548	110	14
1959	37,074	95,407	14,417
1960	72,573	177,610	29,420
1961	75,045	184,624	29,744
1962	231,018	146,167	26,290
1963	215,009	123,610	24,240
1964	348,247	196,543	33,535
1965	3,828,267	174,286	120,263
1966	1,842,015	595,906	84,364
1967	3,981,315	7,651,014	1,266,233
1968	4,516,542	9,288,020	1,552,292
1969	3,276,832	6,104,544	1,004,193
1970	3,089,162	6,539,829	1,009,267
1971	2,357,029	4,021,058	904,158
1972	1,521,908	3,299,068	552,890
1973	1,005,712	2,104,507	509,286
1974	761,040	2,097,674	650,456
1975	637,327	3,510,726	560,320
1976	551,146	2,881,198	460,506
1977	467,776	2,374,732	365,680
1978	455,621	2,646,414	411,017
1979	564,727	3,080,502	633,062
1980	522,829	5,406,788	837,200
TOTALS	30,422,546	68,335,318	11,067,299

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARIZONA

CALENDAR YEAR	<----- GAS ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1962	10,329	6,900	4,140	10,329	6,900	4,140
1963	10,912	8,063	4,843	10,912	8,063	4,843
1964	9,693	6,511	3,909	9,693	6,511	3,909
1965	20,574	13,167	7,900	20,574	13,167	7,900
1966	15,164	9,790	5,874	15,164	9,790	5,874
1967	19,077	7,945	4,767	19,077	7,945	4,767
1968	7,671	2,644	1,596	7,671	2,644	1,596
1969	5,640	1,496	898	5,640	1,496	898
1970	7,793	1,742	1,046	7,793	1,742	1,046
1971	5,745	1,379	827	5,745	1,379	827
1972	5,557	1,334	801	5,557	1,334	801
1973	3,994	959	575	3,994	959	575
1974	2,015	484	290	2,015	484	290
1975	604	145	87	604	145	87
1976	54	13	8	54	13	8
1977-80	--	--	--	--	--	--
TOTALS	124,822	62,572	37,551	124,822	62,572	37,551

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	--	--	--	4,856	486	61
1955	420	1,191	149	26,258	2,626	328
1956	258	742	93	6,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	542	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,610	29,470	--	--	--
1961	75,045	194,624	29,744	--	--	--
1962	47,819	119,296	19,654	172,870	19,971	2,606
1963	68,969	170,268	27,462	135,128	15,479	1,635
1964	64,465	159,217	25,774	274,089	30,615	3,152
1965	100,663	246,548	35,641	3,707,030	614,571	76,622
1966	131,417	325,386	45,899	1,695,434	260,730	32,591
1967	2,855,541	7,481,644	1,241,388	1,106,697	161,475	20,178
1968	3,422,277	9,178,537	1,524,136	1,086,594	206,839	26,570
1969	2,057,531	5,904,521	977,391	1,213,661	198,527	25,614
1970	1,907,001	6,324,124	1,041,576	1,174,250	213,963	26,745
1971	1,468,943	4,753,554	782,565	907,340	166,125	20,766
1972	998,073	3,298,108	539,626	518,278	99,626	12,453
1973	867,069	3,066,696	504,104	194,649	36,852	4,607
1974	738,321	3,993,170	657,663	20,704	4,020	503
1975	631,723	3,519,581	569,243	--	--	--
1976	521,470	2,867,740	459,217	29,622	13,445	1,681
1977	430,243	2,358,735	363,689	32,532	15,997	2,000
1978	418,132	2,559,621	400,168	27,689	86,792	10,849
1979	470,174	3,912,432	624,563	94,552	68,151	8,119
1980	405,239	5,248,547	817,619	129,600	150,261	19,790
TOTALS	17,730,457	65,947,347	10,731,207	12,568,567	2,375,399	292,640

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	4,056	486	61
1955	26,678	3,817	477
1956	6,224	1,349	169
1957	17	48	6
1958	548	110	14
1959	37,074	95,407	14,417
1960	72,573	177,610	29,420
1961	75,045	184,624	29,744
1962	220,689	129,267	22,150
1963	204,097	185,747	29,397
1964	338,554	190,032	29,626
1965	3,807,693	861,119	112,463
1966	1,826,851	596,116	78,490
1967	3,962,238	7,643,069	1,261,566
1968	4,508,871	9,385,376	1,550,706
1969	3,271,192	6,103,048	1,003,205
1970	3,091,369	6,538,087	1,068,321
1971	2,376,283	4,919,679	803,231
1972	1,516,351	3,397,734	552,679
1973	1,001,710	3,103,548	505,711
1974	750,025	3,997,190	658,166
1975	631,723	3,519,581	569,243
1976	551,692	2,881,185	460,898
1977	462,776	2,374,732	365,689
1978	455,821	2,646,414	411,017
1979	564,727	3,980,583	633,692
1980	523,829	5,406,780	837,200
TOTALS	30,299,024	68,322,746	11,029,647

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	--	--	--	--	--	132
1957	--	--	--	--	--	393
1958	--	--	--	--	--	788
1959	--	--	--	8,532	5,479	885
1960	--	--	--	56,502	14,045	1,600
1961	8,421	18,304	2,289	892,603	105,530	9,185
1962	6,600	14,190	1,774	673,902	107,037	9,574
1963	3,956	8,507	1,062	228,962	41,000	6,064
1964	2,734	5,878	735	397,971	64,493	9,286
1965	--	--	--	596,425	99,163	14,231
1966	5,436	12,366	1,928	407,727	90,282	11,330
1967	6,339	14,916	2,419	391,133	67,466	8,767
1968	4,512	10,712	1,699	280,627	48,269	7,035
1969	2,862	7,064	1,178	810,373	128,681	19,311
1970	2,185	5,474	912	605,245	94,563	13,814
1971	1,160	3,218	536	1,609,713	282,958	45,106
1972	722	2,025	337	2,017,535	368,669	59,729
1973	514	1,793	299	1,924,523	377,203	61,234
1974	456	4,417	736	1,376,795	312,402	50,014
1975	498	5,740	888	2,892,040	1,299,267	183,046
1976	--	--	--	6,091,334	3,398,921	488,151
1977	--	--	--	6,117,019	4,957,489	702,329
1978	600	4,797	799	5,973,798	6,101,521	863,801
1979	639	7,860	1,310	5,092,412	5,773,939	822,644
1980	478	7,257	1,209	4,935,402	8,635,186	1,227,631
TOTALS	48,112	134,518	20,111	43,161,373	32,274,445	4,626,880

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1967	304	16	2	--	--	--
1968	662	130	17	--	--	--
1969-70	--	--	--	--	--	--
1971	3,058	540	68	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	25,595	14,067	1,824
1976	--	--	--	32,225	21,406	2,685
1977	--	--	--	1,360	1,101	138
1978	--	--	--	54,311	74,317	9,299
1979	--	--	--	(4,756)	(7,006)	(876)
1980	--	--	--	(51,695)	(47,107)	(5,888)
TOTALS	4,024	686	87	57,050	56,865	7,172

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY CUBIC FEET (1000)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	0	0	132
1957	0	0	303
1958	0	0	788
1959	8,532	5,479	685
1960	56,502	14,045	1,000
1961	691,024	123,934	11,474
1962	680,502	121,227	11,348
1963	232,910	50,407	7,127
1964	400,705	70,371	10,121
1965	596,425	99,163	14,231
1966	412,163	102,648	13,258
1967	397,776	82,398	11,198
1968	285,801	55,111	8,751
1969	813,235	135,745	20,489
1970	607,430	100,017	14,726
1971	1,613,931	286,716	45,710
1972	2,018,257	370,694	60,066
1973	1,925,037	378,996	61,533
1974	1,377,251	316,819	50,750
1975	2,918,923	1,319,074	186,558
1976	6,123,550	3,420,407	490,836
1977	6,118,399	4,958,597	702,267
1978	6,028,709	6,180,635	873,889
1979	5,078,295	5,774,793	823,075
1980	4,824,185	8,595,330	1,233,252
TOTALS	43,270,550	32,566,514	4,654,250

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	--	--	--	--	--	132
1957	--	--	--	--	--	393
1958	--	--	--	--	--	788
1959	--	--	--	6,730	5,190	649
1960	--	--	--	24,818	8,992	1,124
1961	8,421	18,304	2,289	61,796	7,840	980
1962	6,600	14,190	1,774	42,005	7,414	927
1963	3,956	8,507	1,063	58,441	10,331	1,291
1964	2,734	5,878	735	30,216	5,236	697
1965	--	--	--	62,412	9,902	1,238
1966	1,443	3,246	408	48,491	8,125	1,017
1967	701	1,614	202	90,619	13,031	1,629
1968	882	2,073	259	54,129	8,957	1,119
1969	--	--	--	67,332	10,062	1,258
1970	--	--	--	80,647	9,618	1,202
1971	--	--	--	67,691	9,987	1,249
1972	--	--	--	52,869	8,375	1,047
1973	--	--	--	51,297	11,346	1,591
1974	--	--	--	41,748	12,071	1,510
1975	146	1,646	206	768,993	446,084	62,822
1976	--	--	--	576,949	392,158	49,020
1977	--	--	--	423,864	463,279	57,910
1978	--	--	--	673,360	1,059,793	132,404
1979	--	--	--	572,328	788,319	108,032
1980	--	--	--	361,892	691,307	86,413
TOTALS	24,883	55,458	6,936	4,209,618	3,935,415	516,522

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	70	13	2	--	--	--
1969-74	--	--	--	--	--	--
1975	--	--	--	3,024	1,798	234
1976	--	--	--	18,476	11,451	1,431
1977	--	--	--	664	528	66
1978	--	--	--	1,107	1,641	205
1979	--	--	--	--	--	--
1980	--	--	--	(8,333)	(6,744)	(843)
TOTALS	70	13	2	14,938	9,674	1,693

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	0	0	132
1957	0	0	393
1958	0	0	798
1959	6,730	5,190	649
1960	24,818	8,992	1,124
1961	70,207	26,164	3,269
1962	48,605	21,604	2,701
1963	62,397	18,828	2,354
1964	32,950	11,114	1,432
1965	62,412	2,902	1,238
1966	49,934	11,371	1,425
1967	81,320	14,645	1,831
1968	55,091	11,020	1,380
1969	67,332	10,062	1,259
1970	80,647	9,618	1,202
1971	67,663	9,987	1,249
1972	52,860	8,375	1,047
1973	51,297	11,348	1,491
1974	41,749	12,071	1,510
1975	772,162	449,528	62,262
1976	595,425	403,609	50,451
1977	424,528	463,807	57,676
1978	674,467	1,061,424	132,659
1979	573,320	789,319	108,032
1980	352,559	634,563	85,570
TOTALS	4,249,509	4,052,560	524,552

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	--	--	--	1,802	289	36
1960	--	--	--	31,684	5,053	476
1961	--	--	--	620,817	97,690	8,205
1962	--	--	--	631,697	99,623	8,647
1963	--	--	--	170,521	31,569	4,773
1964	--	--	--	367,755	59,257	8,699
1965	--	--	--	534,013	89,261	12,993
1966	3,993	9,120	1,520	359,236	82,157	10,313
1967	5,638	13,302	2,217	310,514	54,425	6,804
1968	3,630	8,639	1,440	226,498	39,317	4,915
1969	2,862	7,064	1,178	229,713	41,201	5,150
1970	2,185	5,474	912	215,600	37,002	4,625
1971	1,160	3,218	536	223,086	40,507	5,113
1972	722	2,025	337	183,820	33,444	4,207
1973	514	1,793	299	173,006	31,995	4,000
1974	456	4,417	736	145,380	37,226	4,652
1975	352	4,094	682	1,026,305	584,156	76,186
1976	--	--	--	2,127,307	1,491,906	186,655
1977	--	--	--	2,248,642	2,578,110	321,270
1978	600	4,797	799	1,731,877	2,622,374	329,091
1979	639	7,860	1,310	1,938,445	2,822,390	354,240
1980	478	7,257	1,209	1,901,004	4,133,238	516,411
TOTALS	23,229	79,060	13,175	15,399,018	15,012,200	1,876,552

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

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CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1967	304	16	2	--	--	--
1968	592	117	15	--	--	--
1969-70	--	--	--	--	--	--
1971	3,058	540	68	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	22,561	12,269	1,590
1976	--	--	--	12,740	10,035	1,254
1977	--	--	--	716	500	72
1978	--	--	--	53,204	72,676	9,084
1979	--	--	--	(4,756)	(7,006)	(876)
1980	--	--	--	(43,362)	(40,363)	(5,045)
TOTALS	3,954	673	95	42,112	48,191	6,079

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

← TOTAL ALL PRODUCTS →

CALENDAR YEAR	QUANTITY (T) TO JAV	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	1,802	209	36
1960	31,684	5,053	476
1961	620,817	97,690	8,205
1962	631,897	99,623	8,447
1963	170,521	31,569	4,773
1964	367,755	59,257	8,499
1965	534,013	89,261	12,693
1966	363,229	91,277	11,833
1967	316,456	67,753	9,623
1968	230,720	46,073	6,370
1969	232,575	48,265	6,228
1970	217,793	42,476	5,537
1971	227,304	44,265	5,717
1972	164,542	35,469	4,544
1973	172,520	33,781	4,296
1974	145,844	41,642	5,296
1975	1,049,218	600,519	78,658
1976	2,141,136	1,501,941	197,600
1977	2,249,358	2,578,690	321,442
1978	1,785,681	2,696,847	337,674
1979	1,934,328	2,823,244	354,674
1980	1,858,120	4,100,132	512,575
TOTALS	15,460,313	15,140,124	1,895,891
1977	2,249,358	2,578,690	321,442
1978	1,785,681	2,696,847	337,674
1979	1,934,328	2,823,244	354,674
1980	1,858,120	4,100,132	512,575
TOTALS	15,460,313	15,140,124	1,895,891

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

ARKANSAS

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1967	--	--	334	--	--	334
1968	--	--	1,001	--	--	1,001
1969	513,328	77,417	12,903	513,328	77,417	12,903
1970	308,990	47,923	7,987	308,990	47,923	7,987
1971	1,318,936	232,464	38,744	1,318,936	232,464	38,744
1972	1,780,846	326,850	54,475	1,780,846	326,850	54,475
1973	1,700,220	333,860	55,643	1,700,220	333,860	55,643
1974	1,189,658	263,105	43,851	1,189,658	263,105	43,851
1975	1,097,542	269,027	44,838	1,097,542	269,027	44,838
1976	3,386,998	1,514,857	252,476	3,386,998	1,514,857	252,476
1977	3,444,513	1,916,100	322,849	3,444,513	1,916,100	322,849
1978	3,568,561	2,419,354	403,226	3,568,561	2,419,354	403,226
1979	2,570,639	2,162,230	360,372	2,570,639	2,162,230	360,372
1980	2,672,506	3,810,643	635,107	2,672,506	3,810,643	635,107
TOTALS	23,552,737	13,373,830	2,233,806	23,552,737	13,373,830	2,233,806

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	661,465,852	965,771,252	125,746,008	669,267,821	79,305,341	13,313,890
1954	27,867,808	71,793,722	8,460,801	27,551,312	3,536,008	766,670
1955	26,817,494	68,882,187	8,250,337	23,228,453	2,887,147	805,521
1956	25,788,334	66,369,596	8,048,390	19,797,266	2,497,144	726,535
1957	24,667,372	69,989,038	8,676,625	19,179,891	2,649,927	827,296
1958	23,119,580	69,799,292	7,803,860	18,451,400	3,844,794	759,460
1959	23,544,591	65,841,209	7,710,077	19,755,910	5,174,596	947,536
1960	23,205,822	61,527,150	7,245,191	19,897,671	5,600,623	931,851
1961	22,088,996	58,543,850	6,805,181	23,447,524	6,746,002	1,143,229
1962	20,634,294	55,008,788	6,365,051	20,682,224	6,609,053	1,055,740
1963	21,411,282	57,292,171	6,698,692	29,724,240	9,305,202	1,258,005
1964	21,078,680	55,516,772	6,609,731	34,305,196	10,277,123	1,388,391
1965	21,481,664	55,097,759	6,451,833	35,304,088	10,775,269	1,466,482
1966	23,222,503	56,935,301	6,734,598	35,635,079	10,851,160	1,500,432
1967	25,285,357	59,649,652	7,032,278	33,745,862	10,225,516	1,412,896
1968	27,616,987	63,935,962	7,834,346	35,958,585	10,799,370	1,596,091
1969	35,059,392	88,706,084	11,923,685	32,522,624	9,587,968	1,363,417
1970	50,431,565	134,186,685	19,516,600	42,101,152	12,589,142	1,979,613
1971	54,825,924	160,664,947	23,885,448	41,497,251	12,789,925	1,914,772
1972	44,317,646	126,323,222	18,413,482	32,088,534	10,434,462	1,553,815
1973	39,323,724	125,019,765	17,955,297	25,458,264	8,646,399	1,340,974
1974	36,536,069	190,449,646	26,455,017	21,391,854	8,602,649	1,200,803
1975	35,058,825	189,450,580	25,649,540	20,632,788	11,156,980	1,577,113
1976	32,725,371	190,540,548	25,907,034	14,792,996	9,912,011	1,405,891
1977	30,312,055	183,680,226	24,963,113	10,497,202	8,261,620	1,581,202
1978	29,652,556	200,413,411	27,771,105	22,323,554	15,753,851	4,829,602
1979	26,468,817	287,811,788	39,066,523	10,602,917	14,021,521	3,093,531
1980	27,781,829	522,443,767	69,003,757	10,996,216	16,385,423	3,516,691
TOTALS	1,461,790,389	4,301,644,371	566,984,180	1,650,938,074	319,426,225	55,338,738

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND L.P.G. --->			<----- C O _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,732,159,891	117,096,900	6,095,615	--	--	--
1954	85,928,640	6,069,699	494,129	--	--	--
1955	83,713,432	5,767,243	449,256	--	--	--
1956	84,913,373	5,952,352	458,793	--	--	--
1957	82,618,094	5,847,116	427,247	--	--	--
1958	81,260,825	5,885,886	338,955	--	--	--
1959	81,861,898	5,884,160	327,854	1,572	505	24
1960	80,103,148	5,526,204	308,571	34,752	11,184	553
1961	78,864,628	5,295,880	332,966	55,140	17,753	990
1962	73,767,402	4,951,492	292,029	84,534	26,227	1,411
1963	50,957,220	3,241,735	207,220	117,462	34,725	2,210
1964	48,849,311	3,250,380	193,084	124,608	36,825	2,262
1965	44,963,907	2,952,192	177,760	119,142	35,361	1,975
1966	67,197,565	4,445,831	238,415	130,788	42,117	2,235
1967	70,449,843	4,580,967	260,047	137,466	44,258	2,239
1968	69,255,480	4,519,831	250,070	36,768	10,484	685
1969	61,676,429	4,010,925	209,448	52,289	15,054	805
1970	54,575,175	3,594,219	185,209	49,820	13,917	798
1971	51,102,641	3,452,000	191,531	49,345	14,680	852
1972	44,035,949	3,034,806	163,177	32,444	9,264	531
1973	40,361,922	3,152,330	175,152	63,167	14,826	889
1974	36,256,927	3,968,158	241,153	85,595	28,564	1,731
1975	35,860,187	4,137,135	222,964	74,407	19,920	1,233
1976	27,933,141	3,621,569	182,738	41,007	13,166	623
1977	19,002,747	2,922,346	138,463	680	272	11
1978	17,293,899	2,732,679	116,596	631	367	20
1979	14,861,316	3,539,320	142,541	750	422	22
1980	12,851,761	6,377,359	252,002	774	461	21
TOTALS	3,232,676,751	235,800,922	13,077,985	1,293,151	393,312	22,331

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	21,240	12,132	1,550
1976	--	--	--	32,458	26,016	3,271
1977	225	1,632	204	18,340	21,926	2,791
1978	975	10,682	1,335	15,630	12,928	1,618
1979	--	--	--	5,239	6,897	872
1980	1,033	72,391	9,049	6,117	97,161	12,148
TOTALS	2,233	84,705	10,588	104,688	179,400	22,542

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	G E O T H E R M A L			H O T W A T E R		
	QUANTITY KWH	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1980	335,167,304	6,032,991	754,124	1,088,400	26,175	2,618
TOTALS	335,167,304	6,032,991	754,124	1,088,400	26,175	2,618
1961	27,175,404	4,962,414	622,817	294,071	725	725
1962	27,175,404	4,962,414	622,817	294,071	725	725
1963	27,175,404	4,962,414	622,817	294,071	725	725
1964	27,175,404	4,962,414	622,817	294,071	725	725
1965	27,175,404	4,962,414	622,817	294,071	725	725
1966	27,175,404	4,962,414	622,817	294,071	725	725
1967	27,175,404	4,962,414	622,817	294,071	725	725
1968	27,175,404	4,962,414	622,817	294,071	725	725
1969	27,175,404	4,962,414	622,817	294,071	725	725
1970	27,175,404	4,962,414	622,817	294,071	725	725
1971	27,175,404	4,962,414	622,817	294,071	725	725
1972	27,175,404	4,962,414	622,817	294,071	725	725
1973	27,175,404	4,962,414	622,817	294,071	725	725
1974	27,175,404	4,962,414	622,817	294,071	725	725
1975	27,175,404	4,962,414	622,817	294,071	725	725
1976	27,175,404	4,962,414	622,817	294,071	725	725
1977	27,175,404	4,962,414	622,817	294,071	725	725
1978	27,175,404	4,962,414	622,817	294,071	725	725
1979	27,175,404	4,962,414	622,817	294,071	725	725
1980	27,175,404	4,962,414	622,817	294,071	725	725
TOTALS	2,727,676,754	5,000,000	622,817	2,727,676,754	5,000,000	622,817

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,362,892,564	1,162,163,493	145,155,583
1954	141,347,760	81,399,429	9,721,809
1955	133,759,379	77,536,577	9,505,114
1956	130,498,973	74,819,092	9,234,218
1957	126,465,357	73,486,081	9,931,768
1958	122,831,805	79,529,962	8,902,275
1959	125,163,971	76,900,470	8,885,401
1960	123,241,292	72,665,161	8,486,166
1961	124,456,288	70,603,485	8,232,276
1962	115,168,454	66,595,560	7,714,231
1963	102,210,204	69,874,043	8,166,127
1964	104,357,795	69,081,100	8,193,568
1965	101,868,801	68,863,581	8,098,050
1966	126,185,935	72,274,409	8,565,680
1967	129,618,528	74,500,393	8,707,560
1968	132,867,020	79,265,656	9,681,582
1969	129,310,744	102,320,631	13,497,255
1970	147,157,712	150,383,963	21,682,220
1971	147,475,161	176,921,552	25,992,603
1972	120,474,573	139,801,754	20,136,005
1973	105,207,077	136,833,320	19,472,212
1974	94,274,209	202,251,357	27,898,996
1975	91,647,447	204,776,747	27,452,400
1976	75,525,973	204,113,310	27,589,757
1977	59,831,749	194,837,972	26,505,794
1978	69,297,245	218,923,918	32,720,576
1979	51,929,739	305,279,956	42,303,490
1980	387,692,434	551,435,728	73,550,410
TOTALS	6,692,961,790	4,862,586,101	636,212,906

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	496,887,126	771,896,534	87,084,858	782,569,764	56,273,943	8,864,000
1954	25,659,140	65,133,520	7,585,305	23,678,648	2,584,165	481,027
1955	24,561,346	61,998,020	7,343,346	18,402,305	2,041,607	403,185
1956	23,317,360	58,843,340	7,053,774	14,675,097	1,615,200	321,532
1957	22,269,693	61,898,813	7,616,725	13,876,203	1,580,222	353,992
1958	20,682,314	61,811,000	6,755,942	12,494,075	2,335,410	340,269
1959	19,041,501	51,778,330	5,705,972	12,820,858	3,354,843	389,633
1960	18,434,620	47,406,404	5,252,630	12,668,351	3,528,470	406,633
1961	17,828,527	45,971,708	5,061,485	14,732,239	4,164,806	493,113
1962	16,764,907	43,601,131	4,765,604	12,104,330	3,697,715	431,893
1963	17,600,589	46,079,202	5,110,183	21,167,097	6,493,754	664,311
1964	17,524,051	45,117,964	5,142,152	26,175,920	7,820,493	829,065
1965	17,931,046	44,758,783	4,983,238	26,652,919	8,128,036	864,913
1966	19,523,351	46,588,554	5,271,591	26,190,298	7,865,097	897,689
1967	20,964,216	47,788,516	5,451,416	24,591,913	7,398,230	842,930
1968	21,282,712	47,279,818	5,450,523	24,246,723	7,240,358	809,435
1969	21,223,228	49,548,853	5,746,347	18,803,099	5,569,694	609,680
1970	21,589,546	50,219,295	5,846,185	17,976,524	5,502,086	590,320
1971	20,202,149	50,776,009	5,884,918	16,420,196	5,344,568	551,001
1972	18,721,989	46,384,755	5,392,702	13,635,338	4,774,729	475,543
1973	17,716,325	51,827,963	6,038,562	10,320,239	3,684,518	360,493
1974	17,234,552	99,732,470	11,857,641	9,318,103	4,384,511	405,176
1975	17,972,545	113,403,758	13,610,967	10,994,437	6,470,203	703,872
1976	17,529,035	113,795,467	13,734,039	7,496,047	5,839,372	608,545
1977	17,652,775	123,226,469	14,960,283	5,184,669	5,448,542	543,591
1978	17,218,125	128,795,121	15,712,501	4,533,591	5,803,768	581,722
1979	15,216,526	208,123,685	25,820,935	4,738,559	6,822,855	694,228
1980	17,295,801	407,001,288	49,845,423	5,323,892	8,575,712	890,743
TOTALS	1,019,845,095	2,990,766,770	350,135,257	1,191,793,032	194,343,712	24,419,417

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

GASOLINE AND LPG				C O 2		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY (MCF)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRTOR	1,326,672,674	80,923,967	4,224,219	--	--	--
1954	76,300,743	5,214,856	437,921	--	--	--
1955	74,385,593	4,933,788	399,774	--	--	--
1956	75,161,675	5,088,375	409,721	--	--	--
1957	71,862,937	4,877,946	373,989	--	--	--
1958	68,933,330	4,991,569	288,510	--	--	--
1959	68,479,558	4,890,501	271,423	--	--	--
1960	66,513,684	4,572,303	254,220	--	--	--
1961	65,189,681	4,360,967	266,019	--	--	--
1962	61,041,254	4,091,399	236,802	--	--	--
1963	37,950,192	2,370,546	152,189	--	--	--
1964	37,725,903	2,497,140	143,541	--	--	--
1965	32,786,754	2,131,773	127,943	--	--	--
1966	54,196,024	3,613,275	189,015	--	--	--
1967	58,191,308	3,843,579	213,037	--	--	--
1968	55,965,289	3,673,651	204,525	4,842	206	10
1969	50,310,537	3,277,638	169,048	1,977	84	4
1970	43,105,138	2,850,308	141,685	3,644	154	7
1971	34,909,748	2,367,681	114,113	612	182	9
1972	29,879,904	2,071,273	100,288	783	195	14
1973	26,330,086	2,118,897	110,443	687	164	7
1974	21,561,294	2,619,827	150,001	2,432	617	35
1975	22,833,879	2,611,762	124,979	977	260	14
1976	19,980,719	2,600,535	117,875	782	250	13
1977	19,002,747	2,922,346	138,463	680	222	11
1978	17,159,683	2,715,067	115,422	631	367	20
1979	14,861,316	3,539,328	142,541	750	422	23
1980	12,851,761	6,377,359	252,002	774	461	21
TOTALS	2,544,143,411	178,137,656	9,869,708	19,571	3,584	188

THREAT OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	OIL LOST			GAS LOST		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	18,325	11,341	1,418
1976	--	--	--	13,900	14,320	1,790
1977	225	1,632	204	11,922	15,009	1,876
1978	975	10,682	1,335	13,007	10,019	1,252
1979	--	--	--	5,125	6,660	834
1980	1,033	72,391	9,049	5,828	97,080	12,135
TOTALS	2,233	84,705	10,588	72,572	156,778	19,597

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<-----G E O T H E R M A L ----->			<-----H O T W A T E R ----->		
	QUANTITY KWH	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1980	335,167,304	6,032,991	754,124	1,088,400	26,175	2,618
TOTALS	335,167,304	6,032,991	754,124	1,088,400	26,175	2,618

OIL AND GAS OPERATIONS

PUBLIC LANDS

AMOUNTS

<- TOTAL ALL PERIODS ->

CALENDAR YEAR	QUANTITY	PRODUCT	ROYALTY
PRIOR	2,556,125,564	909,094,444	100,173,777
1954	125,638,531	72,932,545	8,504,253
1955	117,349,244	68,973,495	9,146,308
1956	113,154,132	65,546,915	7,785,027
1957	109,008,523	58,346,901	8,364,706
1958	102,110,519	69,127,070	7,364,721
1959	100,341,917	60,023,674	6,367,228
1960	97,616,655	55,507,177	5,913,693
1961	97,751,546	54,447,481	5,820,617
1962	89,810,491	51,390,245	5,434,380
1963	76,717,678	54,943,507	5,326,683
1964	81,425,874	55,435,597	4,123,778
1965	77,370,710	55,018,592	5,976,094
1966	89,008,773	58,066,926	6,358,885
1967	103,747,437	59,020,325	6,507,383
1968	101,499,566	58,194,033	6,464,493
1969	90,339,641	58,396,269	6,525,279
1970	82,674,952	58,572,643	6,578,197
1971	71,532,705	58,488,440	6,550,641
1972	62,228,014	53,230,952	5,967,547
1973	54,367,337	57,631,542	4,559,495
1974	48,120,845	106,739,765	12,413,145
1975	51,980,163	122,497,324	14,441,250
1976	45,020,487	122,239,864	14,462,652
1977	41,952,619	131,614,221	15,644,428
1978	38,926,012	137,335,024	16,412,262
1979	34,822,276	218,492,889	26,658,561
1980	371,734,793	426,183,457	51,766,125
TOTALS	5,092,131,619	3,369,552,371	385,211,587

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	2,059,889	5,222,660	870,444	799,685	215,915	35,686
1969	9,940,844	28,042,929	4,673,822	4,845,851	1,308,380	218,063
1970	24,987,628	72,294,311	12,049,052	12,229,147	3,301,870	550,312
1971	31,103,548	98,407,829	16,401,306	15,671,479	4,231,299	705,217
1972	22,562,213	70,131,629	11,688,605	10,033,581	2,709,067	451,511
1973	18,915,314	63,475,178	10,579,199	7,286,549	1,968,775	328,129
1974	16,776,744	78,014,292	13,002,385	5,572,642	1,485,338	247,556
1975	15,304,757	63,789,230	10,631,541	3,951,633	1,083,486	180,591
1976	13,978,553	65,245,691	10,874,283	3,475,201	1,013,835	169,972
1977	12,267,598	58,205,617	9,707,115	3,299,963	1,699,845	283,391
1978	12,085,908	69,709,403	11,704,453	3,472,292	1,934,826	314,421
1979	10,961,076	78,086,108	13,014,352	2,866,822	1,878,349	313,059
1980	10,198,886	111,407,469	18,567,912	3,107,023	2,435,833	405,572
TOTALS	201,142,958	862,032,346	142,764,469	76,602,868	25,266,818	4,203,160

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OIL AND GAS OPERATIONS

WYOMING OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	GASOLINE AND LPG			GAS LIQUID		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY (1000 BBL)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1970	132,639	8,187	546	--	--	--
1971	2,115,628	131,712	8,781	--	--	--
1972	114,504	5,977	399	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	2,915	791	122
1976	--	--	--	1,010	469	78
1977	--	--	--	318	277	95
1978	134,216	17,612	1,174	146	47	7
1979	--	--	--	814	226	36
1980	--	--	--	280	91	13
TOTALS	2,496,987	163,488	10,900	5,500	1,887	253

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

CALIFORNIA

-< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	CRUDE OIL BARRELS	NATURAL GAS CUBIC FEET	CONDENSATE BARRELS	QUANTITY (T) BBL	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	1,800,000	100,000,000	100,000	2,650,574	5,436,575	906,430
1969	2,400,000	150,000,000	150,000	14,786,695	29,351,309	4,891,885
1970	3,000,000	200,000,000	200,000	37,349,414	75,604,368	12,599,910
1971	3,500,000	250,000,000	250,000	48,090,655	102,770,840	17,115,304
1972	4,000,000	300,000,000	300,000	32,710,290	72,846,673	12,140,515
1973	4,500,000	350,000,000	350,000	26,201,863	65,443,953	10,907,328
1974	5,000,000	400,000,000	400,000	22,350,386	79,499,620	13,249,941
1975	5,500,000	450,000,000	450,000	19,259,305	64,873,507	10,812,254
1976	6,000,000	500,000,000	500,000	17,454,772	66,259,905	11,043,374
1977	6,500,000	550,000,000	550,000	15,557,879	59,905,730	9,990,581
1978	7,000,000	600,000,000	600,000	15,692,562	71,661,082	12,020,055
1979	7,500,000	650,000,000	650,000	13,828,712	79,964,665	13,327,448
1980	8,000,000	700,000,000	700,000	13,306,198	113,843,383	18,973,897
TOTALS	50,000,000	3,000,000,000	3,000,000	290,248,313	687,464,539	147,978,882

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	45,030,879	14,006,099	3,129,767
1954	1,679	4,583	2,477	2,183,125	714,947	255,492
1955	2,306	6,600	3,355	2,981,792	586,626	368,819
1956	1,902	5,907	2,767	2,360,172	497,470	353,180
1957	1,727	5,549	2,431	2,077,121	470,987	394,486
1958	1,201	3,795	1,898	1,882,202	652,479	306,765
1959	1,452	4,333	2,167	2,000,759	656,590	305,496
1960	1,521	4,271	2,137	2,273,614	749,002	350,758
1961	1,353	3,773	1,720	2,560,532	844,888	376,820
1962	1,142	2,932	1,645	2,232,255	733,027	313,602
1963	1,394	4,174	2,465	2,297,451	753,864	295,128
1964	1,260	3,552	2,095	2,254,960	647,413	297,553
1965	89,194	241,515	31,360	2,915,774	948,557	357,294
1966	498,760	1,159,801	146,810	4,191,645	1,351,560	463,612
1967	1,542,316	3,733,197	468,829	4,023,421	1,283,742	360,934
1968	1,519,181	3,866,004	486,672	5,741,051	1,819,077	547,095
1969	1,107,053	2,976,364	383,174	4,103,116	1,278,424	344,471
1970	897,961	2,457,159	321,116	5,254,621	1,687,823	524,329
1971	710,221	2,094,686	274,686	4,854,789	1,622,376	449,695
1972	667,147	1,928,575	257,120	4,423,893	1,511,904	437,691
1973	550,412	1,837,052	245,088	4,304,860	1,659,164	470,426
1974	416,888	1,905,990	255,861	2,651,933	1,189,371	321,217
1975	324,331	1,509,576	200,647	2,110,650	1,269,532	388,762
1976	370,186	2,055,901	270,862	1,596,238	1,111,538	464,608
1977	391,682	2,248,140	295,715	2,022,570	1,113,232	754,230
1978	348,523	1,908,887	354,151	14,317,671	8,015,257	3,933,749
1979	291,215	1,601,995	231,236	2,997,536	5,320,317	2,086,245
1980	287,142	4,035,010	590,412	2,565,301	5,373,878	2,219,976
TOTALS	10,029,149	35,609,321	4,938,896	138,218,931	57,869,634	20,981,631

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,082,979	62,705	12,608	--	--	--
1954-75	--	--	--	--	--	--
1976	--	--	--	17,540	11,227	1,403
1977	--	--	--	6,599	6,640	830
1978	--	--	--	2,477	2,068	359
1979-80	--	--	--	--	--	--
TOTALS	1,082,979	62,705	12,608	26,616	20,735	2,592

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

← TOTAL ALL PRODUCTS →						
CALENDAR YEAR	CRUDE OIL	NATURAL GAS	CONDENSATE	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR				46,112,858	14,068,804	3,142,375
1954				2,184,804	719,530	258,379
1955				2,984,098	593,226	372,174
1956				2,362,074	503,377	355,947
1957				2,078,848	476,536	396,617
1958				1,863,403	656,274	308,563
1959				2,002,211	661,313	307,663
1960				2,275,135	753,273	352,695
1961				2,570,885	848,661	378,540
1962				2,233,397	735,959	314,647
1963				2,298,845	758,038	297,602
1964				2,256,220	650,965	290,049
1965				3,004,968	1,190,072	388,654
1966				4,690,405	2,511,361	610,423
1967				5,565,737	5,016,939	829,763
1968				7,260,232	5,685,081	1,033,767
1969				5,210,160	4,254,788	727,645
1970				6,152,582	4,144,992	855,455
1971				5,565,010	3,717,062	724,681
1972				5,091,040	3,440,569	694,611
1973				4,855,272	3,496,216	724,514
1974				3,068,821	3,095,361	577,078
1975				2,434,981	2,779,108	589,409
1976				1,983,964	3,178,666	736,873
1977				2,420,851	3,269,012	1,050,775
1978				14,668,671	9,927,012	4,288,259
1979				3,288,751	6,922,312	2,317,481
1980				2,852,443	9,408,888	2,810,288
TOTALS				149,357,675	93,562,395	25,735,727

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

CALIFORNIA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	123,756	14,350	3,266	123,756	14,350	3,266
1957	31,463	3,694	830	31,463	3,694	830
1958-80	--	--	--	--	--	--
TOTALS	155,219	18,044	4,096	155,219	18,044	4,096

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (¢)	ROYALTY VALUE (¢)	QUANTITY MCF	PRODUCTION VALUE (¢)	ROYALTY VALUE (¢)
PRIOR	164,578,726	193,874,718	38,661,230	141,667,178	9,025,299	1,320,113
1954	2,206,989	6,655,619	873,019	1,689,539	236,892	29,950
1955	2,253,842	6,877,567	903,636	1,844,356	258,914	33,514
1956	2,469,072	7,520,349	992,349	2,638,241	370,124	48,557
1957	2,395,952	8,094,676	1,057,469	3,195,104	595,024	78,088
1958	2,436,065	7,984,498	1,046,020	4,074,323	856,895	112,526
1959	4,501,638	14,058,546	2,001,938	4,934,243	1,162,773	152,207
1960	4,769,681	14,116,475	1,990,424	4,955,706	1,323,151	174,260
1961	4,259,116	12,568,369	1,741,976	6,144,654	1,736,308	273,296
1962	3,868,245	11,404,725	1,597,802	6,345,639	2,178,311	310,845
1963	3,809,299	11,208,795	1,586,044	6,259,692	2,057,584	290,556
1964	3,553,369	10,395,256	1,465,484	5,874,316	1,609,217	262,293
1965	3,461,424	10,097,461	1,437,235	5,735,395	1,678,676	244,275
1966	3,200,392	9,186,946	1,316,197	5,254,036	1,634,503	228,830
1967	2,778,825	8,127,939	1,112,033	5,130,520	1,543,544	209,132
1968	2,755,205	7,567,480	1,026,707	5,171,126	1,524,029	204,165
1969	2,788,267	8,137,938	1,120,342	4,769,753	1,431,470	191,003
1970	2,956,430	9,215,920	1,300,247	6,640,860	2,096,553	304,642
1971	2,810,006	9,386,423	1,324,538	4,550,787	1,591,682	207,959
1972	2,366,297	7,878,263	1,075,055	3,995,722	1,438,672	182,070
1973	2,141,673	7,879,572	1,042,448	3,546,616	1,333,942	172,936
1974	2,107,885	10,796,894	1,339,130	3,848,176	1,743,429	276,854
1975	1,457,192	10,748,016	1,206,385	3,576,068	2,333,759	303,898
1976	847,597	9,453,489	1,027,850	2,226,510	1,947,266	253,365
1977-80	--	--	--	--	--	--
TOTALS	230,773,187	413,235,934	68,245,558	244,068,123	41,928,017	5,830,636

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- C O - 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	404,404,238	36,100,228	1,858,788	--	--	--
1954	9,627,897	854,843	56,208	--	--	--
1955	9,327,839	833,455	49,482	--	--	--
1956	9,751,698	863,977	49,072	--	--	--
1957	10,755,157	969,170	53,258	--	--	--
1958	12,327,495	904,317	50,445	--	--	--
1959	13,382,340	993,659	56,431	1,572	505	24
1960	13,589,464	953,901	54,351	34,752	11,184	553
1961	13,674,947	934,913	66,947	55,140	17,753	900
1962	12,726,148	860,093	55,137	84,534	26,227	1,411
1963	13,007,028	871,389	55,031	117,462	34,735	2,210
1964	11,123,408	753,240	49,543	124,608	36,825	2,362
1965	12,177,153	820,419	49,817	110,142	38,361	1,975
1966	13,001,541	832,556	49,400	130,788	42,117	2,235
1967	12,258,535	737,388	47,010	137,466	44,258	2,239
1968	13,290,191	846,180	45,545	31,926	10,278	475
1969	11,365,892	733,287	40,400	50,322	14,970	801
1970	11,337,398	735,724	42,978	46,176	13,763	701
1971	14,077,265	952,607	68,637	48,733	14,426	843
1972	14,041,541	957,556	67,490	31,661	9,069	517
1973	14,031,836	1,033,432	64,709	62,480	14,662	882
1974	14,695,633	1,348,331	91,152	83,163	27,947	1,696
1975	13,026,308	1,525,373	97,985	73,430	19,660	1,219
1976	7,952,422	1,021,034	64,863	40,225	12,916	810
1977-80	--	--	--	--	--	--
TOTALS	684,953,374	57,437,073	3,184,679	1,273,580	380,728	21,843

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

← TOTAL ALL PRODUCTS →

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	710,650,142	239,000,245	41,840,131
1954	13,524,425	7,747,354	959,177
1955	13,426,037	7,969,926	986,632
1956	14,859,011	8,754,450	1,089,978
1957	16,346,213	9,658,870	1,182,815
1958	18,837,883	9,745,710	1,208,591
1959	22,819,843	16,215,483	2,210,600
1960	23,349,603	16,404,711	2,219,588
1961	24,133,057	15,257,343	2,083,119
1962	23,024,566	14,469,356	1,965,195
1963	23,193,681	14,172,503	1,941,841
1964	20,675,701	12,994,539	1,779,792
1965	21,493,114	12,654,917	1,733,302
1966	21,586,757	11,696,122	1,596,662
1967	20,305,354	10,453,129	1,370,414
1968	21,248,448	9,947,967	1,276,892
1969	18,974,239	10,317,665	1,352,546
1970	20,980,864	12,061,960	1,648,658
1971	21,486,791	11,945,210	1,601,577
1972	20,435,221	10,283,560	1,372,132
1973	19,782,605	10,261,609	1,280,975
1974	20,734,857	13,916,601	1,658,832
1975	18,132,990	14,626,808	1,609,487
1976	11,066,754	12,434,705	1,346,888
1977-80	81,110,110	512,990,757	77,282,614
TOTALS	1,161,068,964	512,990,757	77,282,614

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	111,956,916	223,554,640	32,058,213	115,405,955	8,630,636	780,677
1954	15,027,989	38,149,095	6,678,140	22,180,205	2,387,302	274,219
1955	15,222,725	38,456,091	6,891,565	21,093,834	2,310,563	264,841
1956	18,470,176	46,676,038	8,816,006	22,367,775	2,448,060	275,608
1957	17,803,175	49,505,946	8,709,231	32,013,141	3,668,927	394,349
1958	14,869,163	44,593,512	6,674,028	32,729,250	3,627,706	408,919
1959	13,692,599	39,997,068	5,656,324	30,226,640	3,537,356	409,522
1960	13,730,559	40,062,872	5,548,830	29,045,092	3,436,296	399,496
1961	12,456,486	36,242,783	5,063,603	32,061,029	3,778,315	445,945
1962	12,104,883	35,090,848	4,926,269	31,306,918	3,899,681	462,228
1963	12,583,212	36,405,112	5,365,110	36,096,309	4,530,626	539,592
1964	12,385,707	35,574,471	5,059,797	40,004,849	5,290,391	628,459
1965	11,831,305	27,000,752	5,057,184	47,626,559	6,227,288	740,740
1966	12,318,168	55,064,340	5,178,519	54,838,862	7,251,012	888,128
1967	14,251,248	41,485,607	6,176,822	110,829,080	14,738,327	1,786,119
1968	12,396,144	36,656,621	5,327,865	12,756,328	2,068,751	178,392
1969	11,171,498	32,683,004	4,452,554	64,672,526	9,124,310	1,065,103
1970	8,383,034	26,508,650	3,551,861	64,924,252	9,201,550	1,092,660
1971	7,891,838	26,110,259	3,613,818	67,852,529	9,734,679	1,144,751
1972	11,801,235	41,155,184	5,523,727	64,522,217	9,965,268	1,186,951
1973	13,560,355	54,005,199	9,138,158	72,595,083	13,425,441	1,587,498
1974	10,059,545	98,005,778	17,319,604	70,063,923	14,718,089	1,719,411
1975	12,548,094	115,589,493	20,577,229	71,031,729	19,503,297	2,326,224
1976	12,704,800	118,720,843	21,092,687	69,993,470	25,063,654	3,004,249
1977	12,395,279	112,628,171	19,997,444	70,296,567	40,062,752	4,793,119
1978	12,299,152	120,773,031	21,858,368	67,899,261	50,056,478	5,872,518
1979	10,767,763	118,930,535	20,583,886	75,659,060	77,656,490	9,109,110
1980	9,836,774	177,915,459	30,391,841	71,478,245	97,260,225	11,781,121
TOTALS	454,519,822	1,877,541,402	301,289,182	1,500,280,435	453,651,971	53,560,418

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	33,963,589	2,286,955	96,186	243	5,839	365
1954	10,504,515	717,942	30,811	261	6,265	392
1955	10,141,739	672,673	29,687	--	--	--
1956	11,363,409	769,292	35,018	--	--	--
1957	11,322,329	768,536	34,929	--	--	--
1958	12,188,617	943,630	40,502	--	--	--
1959	14,470,551	856,767	45,279	--	--	--
1960	10,366,122	762,530	48,287	--	--	--
1961	14,608,519	689,095	68,496	--	--	--
1962	15,789,405	761,029	53,272	--	--	--
1963	21,114,505	1,017,615	62,575	--	--	--
1964	40,197,231	2,131,976	91,742	--	--	--
1965	26,632,212	1,527,426	51,512	--	--	--
1966	22,407,815	1,162,815	49,272	--	--	--
1967	30,658,343	1,402,817	53,720	--	--	--
1968	36,473,519	1,567,412	55,542	--	--	--
1969	28,365,981	1,108,989	38,388	--	--	--
1970	19,937,616	784,640	25,521	--	--	--
1971	33,788,626	1,435,383	48,364	--	--	--
1972	26,350,732	1,313,474	51,028	--	--	--
1973	14,800,613	1,231,592	102,663	--	--	--
1974	18,194,807	2,056,938	90,071	--	--	--
1975	13,833,791	1,930,449	75,474	--	--	--
1976	10,211,546	1,673,561	32,195	--	--	--
1977	50,030,960	4,196,180	278,727	--	--	--
1978	20,283,657	2,768,374	142,450	--	--	--
1979	19,834,409	3,718,555	161,942	--	--	--
1980	13,148,757	9,779,296	660,002	--	--	--
TOTALS	590,983,915	50,043,941	2,553,555	504	12,104	757

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- C O _ 2 ----->			<----- O I L L O S T ----->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	1,238	--	--	--
1954	--	--	--	--	--	--
1955	70,117	6,845	1,315	--	--	--
1956	63,179	5,945	1,185	--	--	--
1957	50,984	4,743	956	--	--	--
1958	67,175	10,079	1,260	--	--	--
1959	71,486	10,723	1,341	--	--	--
1960	54,361	8,155	1,019	--	--	--
1961	94,193	14,129	1,766	--	--	--
1962	102,237	15,336	1,917	--	--	--
1963	219,234	32,172	3,648	--	--	--
1964	278,688	35,855	3,924	--	--	--
1965	141,515	23,344	2,806	--	--	--
1966	150,569	25,073	3,133	--	--	--
1967	186,360	28,459	3,557	--	--	--
1968	204,029	37,693	4,680	--	--	--
1969	186,323	42,418	5,155	--	--	--
1970	84,058	19,015	2,187	--	--	--
1971	146,123	34,864	3,933	--	--	--
1972	162,629	36,122	4,196	--	--	--
1973	156,236	27,209	3,377	--	--	--
1974	121,920	21,700	2,676	--	--	--
1975	187,471	44,582	5,120	63	320	28
1976	51,942	90,748	8,429	2,012	11,330	816
1977	79,991	148,905	13,832	202	1,354	151
1978	53,223	103,864	9,648	32	175	22
1979	67,791	133,927	12,440	--	--	--
1980	561,048	206,869	22,042	--	--	--
TOTALS	3,612,882	1,168,774	126,860	2,309	13,179	1,017

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	261,416,703	234,528,070	32,936,679
1954	--	--	--	47,712,970	41,260,605	6,983,562
1955	--	--	--	46,528,415	41,446,172	7,187,408
1956	--	--	--	52,264,539	49,899,315	9,127,897
1957	--	--	--	61,189,629	53,948,162	9,139,365
1958	--	--	--	59,854,214	49,174,927	7,124,709
1959	--	--	--	58,461,276	44,401,914	6,113,366
1960	--	--	--	53,096,134	44,269,853	5,997,632
1961	--	--	--	59,220,227	40,724,322	5,579,810
1962	--	--	--	59,303,443	39,767,094	5,443,686
1963	--	--	--	70,013,260	41,985,535	5,970,925
1964	--	--	--	92,866,475	43,032,693	5,783,921
1965	--	--	--	86,241,591	44,778,810	5,852,322
1966	--	--	--	89,715,435	63,503,240	6,119,052
1967	--	--	--	155,924,031	57,655,210	8,020,218
1968	--	--	--	61,330,020	40,330,477	5,566,469
1969	--	--	--	104,396,328	42,958,721	5,561,200
1970	--	--	--	93,338,960	36,513,855	4,672,229
1971	--	--	--	109,679,116	37,315,185	4,810,866
1972	--	--	--	102,836,813	52,468,148	6,765,902
1973	--	--	--	101,112,287	68,689,441	10,831,696
1974	--	--	--	98,440,195	114,802,505	19,131,762
1975	33,468	12,679	16,352	97,634,625	137,088,820	23,000,427
1976	309,495	148,865	18,580	92,273,265	145,709,201	24,156,956
1977	535,305	254,809	26,418	133,338,404	157,292,171	25,109,691
1978	10,251,088	936,726	93,195	110,786,413	174,638,648	27,976,201
1979	32,655	38,151	4,769	106,561,686	209,477,658	29,872,147
1980	(734)	(435)	(38,971)	95,024,690	285,161,414	42,816,035
TOTALS	11,161,277	1,390,795	120,343	2,560,561,144	2,383,822,166	357,652,133

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	111,925,393	223,487,726	32,049,849	85,422,851	6,424,809	408,709
1954	15,020,058	38,127,125	6,675,394	10,442,022	1,139,590	118,255
1955	15,130,100	28,191,565	6,859,515	12,527,592	1,380,892	149,756
1956	18,354,962	46,320,307	8,775,777	14,694,070	1,617,209	171,844
1957	17,730,936	49,275,335	8,683,699	19,031,231	2,167,277	209,623
1958	14,812,932	44,432,106	6,655,929	19,318,315	2,096,777	217,436
1959	13,580,300	39,689,620	5,620,050	17,614,670	1,968,847	213,817
1960	13,634,072	39,848,381	5,522,986	17,073,565	1,947,764	213,290
1961	12,389,313	36,077,997	5,043,704	17,720,510	2,037,905	228,642
1962	12,008,580	34,848,174	4,896,168	17,480,737	2,113,017	238,137
1963	12,390,572	35,896,270	5,301,879	20,205,070	2,479,772	282,198
1964	12,169,263	35,008,127	4,979,065	24,324,934	3,129,101	356,550
1965	11,322,170	35,627,975	4,839,609	29,774,342	3,794,931	424,453
1966	11,924,645	53,994,520	5,009,257	33,500,553	4,354,265	523,647
1967	14,004,553	40,832,658	6,084,087	40,559,251	5,374,504	607,877
1968	12,153,561	35,979,238	5,238,809	45,333,730	6,321,738	707,142
1969	11,020,962	32,239,372	4,393,676	48,194,887	6,771,537	768,816
1970	8,192,026	26,096,618	3,496,928	46,638,337	6,521,397	755,819
1971	7,708,340	25,774,047	3,568,233	50,733,681	7,212,567	827,458
1972	11,704,051	40,835,380	5,479,514	42,806,484	7,099,856	827,642
1973	13,435,969	53,681,620	9,091,977	54,984,156	9,495,191	1,093,246
1974	9,968,923	97,495,657	17,248,894	54,569,060	11,039,507	1,256,882
1975	12,475,578	115,158,187	20,517,802	55,959,719	15,913,241	1,872,251
1976	12,632,965	118,287,423	21,031,802	52,229,248	19,395,428	2,290,073
1977	12,309,150	112,072,888	19,924,272	53,296,165	29,825,910	3,517,019
1978	12,203,589	120,398,814	21,794,272	55,800,667	41,330,503	4,777,705
1979	10,706,794	118,174,165	20,476,353	59,237,347	58,414,810	6,675,312
1980	9,773,579	176,638,997	30,210,973	55,503,755	76,462,019	9,156,072
TOTALS	450,683,436	1,864,400,292	299,470,564	1,060,977,159	337,829,608	38,988,161

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO - 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	33,963,589	2,286,955	96,106	--	--	1,238
1954	10,504,515	717,942	30,811	--	--	--
1955	10,141,739	672,673	29,687	70,117	6,845	1,315
1956	11,363,409	769,292	35,018	63,179	5,945	1,185
1957	11,320,612	768,426	34,824	50,984	4,743	956
1958	12,165,117	940,739	40,386	67,175	10,079	1,260
1959	14,435,689	852,838	45,115	71,486	10,723	1,241
1960	10,342,102	759,873	48,176	54,361	8,155	1,019
1961	14,608,519	689,095	68,496	94,193	14,129	1,766
1962	15,789,405	761,029	53,272	107,237	15,336	1,917
1963	20,507,346	992,107	61,511	219,234	32,172	3,648
1964	40,029,106	2,122,052	91,279	278,688	35,855	3,924
1965	26,407,971	1,515,755	51,222	141,515	23,344	2,886
1966	22,232,007	1,154,158	48,911	150,569	25,073	3,133
1967	27,850,046	1,325,440	49,482	186,360	28,459	3,557
1968	35,345,544	1,535,391	53,986	204,029	37,693	4,680
1969	27,426,414	1,085,391	37,328	186,323	42,418	5,155
1970	19,430,096	772,295	24,983	84,058	19,015	2,187
1971	32,956,895	1,408,569	47,164	146,123	34,864	3,933
1972	25,873,145	1,296,011	50,257	162,629	36,122	4,196
1973	14,569,738	1,219,967	102,152	156,236	27,209	3,277
1974	17,926,056	2,036,197	89,156	121,920	21,700	2,676
1975	13,525,283	1,917,776	74,543	147,471	44,582	5,120
1976	9,972,731	1,653,066	31,318	51,942	90,748	8,429
1977	49,586,690	4,090,664	274,265	70,991	148,905	13,832
1978	19,728,719	2,683,164	138,819	53,223	103,864	9,648
1979	19,816,221	3,710,614	161,506	67,791	123,927	12,440
1980	12,958,715	9,619,318	651,375	561,040	206,860	22,042
TOTALS	580,777,419	49,356,797	2,521,228	3,612,882	1,168,774	126,860

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	63	320	28	23,468	17,679	16,252
1976	2,012	11,330	916	291,301	140,372	17,418
1977	202	1,354	151	535,305	254,809	26,419
1978	32	175	22	10,251,089	936,726	93,195
1979	--	--	--	22,656	38,151	4,749
1980	--	--	--	(734)	(435)	(38,971)
TOTALS	2,309	13,179	1,017	11,142,062	1,382,302	119,231

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

← TOTAL ALL PRODUCTS →

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	231,311,033	232,199,570	32,645,992
1954	35,066,596	39,984,667	6,824,460
1955	37,869,948	40,260,965	7,040,273
1956	44,475,628	49,712,833	8,993,824
1957	49,133,763	52,215,781	8,929,102
1958	46,363,530	47,479,701	6,915,011
1959	45,702,145	42,522,028	5,880,323
1960	41,104,100	42,564,173	5,785,461
1961	44,812,535	38,819,130	5,342,008
1962	45,380,059	37,737,556	5,189,494
1963	53,322,222	39,400,321	5,649,236
1964	76,801,091	40,295,225	5,420,819
1965	67,645,999	40,952,005	5,323,170
1966	67,807,774	59,528,016	5,584,948
1967	82,600,310	47,561,061	6,745,003
1968	93,036,864	43,874,060	6,004,707
1969	36,828,586	40,138,718	5,204,975
1970	74,344,517	33,409,325	4,279,617
1971	91,545,035	34,430,047	4,446,785
1972	86,546,309	49,267,369	6,361,009
1973	83,146,099	64,423,987	10,290,752
1974	82,585,959	110,593,061	18,597,608
1975	82,181,582	123,046,785	22,486,096
1976	75,180,199	139,578,367	23,379,956
1977	115,807,503	146,394,530	23,755,958
1978	98,037,310	165,363,246	26,813,661
1979	89,860,808	180,471,667	27,230,280
1980	78,796,363	262,926,768	40,001,691
TOTALS	2,197,196,288	2,254,150,952	341,227,111

OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLORADO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	86,233	246,820	29,837	--	--	--
1956	109,590	340,329	38,304	--	--	--
1957	66,562	213,872	23,440	161,762	36,680	1,601
1958	46,435	138,450	15,229	255,915	22,478	2,922
1959	35,477	94,695	10,180	105,105	9,086	1,054
1960	21,444	62,855	6,889	46,601	4,173	518
1961	15,670	42,934	4,667	9,153	630	34
1962	48,801	132,194	16,102	--	--	--
1963	150,809	413,867	51,237	24,247	1,147	134
1964	67,419	184,701	22,959	19,415	2,053	254
1965	48,905	133,951	16,417	89,021	11,566	914
1966	36,953	102,758	12,436	128,279	10,266	1,283
1967	39,482	101,432	12,679	119,633	12,886	1,611
1968	34,618	105,242	13,159	51,877	5,905	738
1969	26,474	78,449	9,806	211,165	23,792	2,974
1970	27,538	83,902	10,488	464,589	47,262	5,908
1971	17,743	58,700	7,337	520,171	60,439	7,555
1972	24,874	83,894	10,487	460,594	66,944	8,368
1973	35,186	44,621	5,578	310,088	42,480	5,210
1974	9,126	95,200	11,900	260,364	37,269	4,650
1975	9,091	61,945	7,743	242,549	50,100	6,263
1976	7,213	61,626	7,703	272,362	113,748	14,219
1977	10,705	92,823	7,324	297,080	86,094	8,755
1978	3,444	41,356	4,397	130,334	92,892	9,628
1979	7,727	126,909	15,338	332,179	341,470	39,220
1980	9,055	233,101	27,467	258,255	376,821	42,029
TOTALS	996,574	3,376,706	399,103	4,770,742	1,456,230	157,671

OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPC --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	--	--	--	86,233	246,820	29,837
1956	--	--	--	109,590	340,329	36,304
1957	1,717	110	5	230,041	250,662	25,046
1958	23,500	2,891	116	325,850	163,819	18,267
1959	34,862	3,929	164	175,444	107,710	11,399
1960	24,020	2,657	111	92,065	69,685	7,518
1961	--	--	--	24,823	43,564	4,701
1962	--	--	--	48,801	132,194	16,102
1963	607,159	25,508	1,064	782,215	440,522	52,635
1964	168,125	9,924	403	253,959	196,719	23,676
1965	224,241	11,671	290	362,167	157,108	17,521
1966	175,808	8,657	361	341,040	121,691	14,080
1967	91,507	4,374	182	250,627	118,692	14,472
1968	33,786	1,286	54	120,281	112,433	13,951
1969	41,223	1,759	74	278,842	104,000	12,854
1970	47,766	2,286	95	539,893	133,450	16,491
1971	101,683	5,704	242	639,597	124,843	15,134
1972	117,468	6,745	282	602,936	157,583	19,137
1973	92,706	7,716	322	437,980	94,817	11,210
1974	96,801	13,717	571	366,291	146,186	17,130
1975	64,765	8,266	345	316,404	120,311	14,351
1976	122,853	14,746	614	402,428	190,120	22,536
1977	109,457	9,698	404	417,242	188,615	8,303
1978	8,058	2,595	108	141,836	136,942	13,133
1979	29,004	2,186	91	369,010	470,654	54,649
1980	23,671	3,947	164	290,981	613,869	70,660
TOTALS	2,240,180	150,372	6,122	8,007,496	4,283,308	562,896

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	31,523	66,914	8,364	30,073,104	2,255,747	281,068
1954	7,931	21,970	2,746	11,738,182	1,247,713	155,064
1955	6,392	17,706	2,213	8,565,942	920,681	115,085
1956	5,624	15,402	1,925	7,673,697	830,751	102,844
1957	5,677	16,739	2,092	12,820,148	1,464,980	183,125
1958	9,795	22,956	2,870	13,155,029	1,508,451	188,561
1959	76,822	212,753	26,594	12,506,865	1,559,423	195,051
1960	75,043	151,636	18,955	11,824,926	1,484,359	185,698
1961	51,503	121,852	15,232	14,331,366	1,739,776	217,069
1962	47,502	110,480	13,909	13,926,181	1,786,864	224,091
1963	41,831	94,975	11,994	15,866,992	2,049,717	257,260
1964	149,025	381,643	57,773	15,661,600	2,159,107	271,654
1965	460,230	1,238,826	201,158	17,772,195	2,430,791	305,473
1966	356,570	967,062	156,826	21,210,051	2,886,481	363,188
1967	207,113	551,517	80,056	70,149,191	9,350,927	1,176,631
1968	207,965	572,141	75,807	(33,129,279)	(4,258,892)	(529,498)
1969	124,062	355,183	49,072	16,266,474	2,328,981	293,313
1970	163,470	328,130	44,445	17,831,326	2,632,891	331,233
1971	165,755	277,512	38,248	16,598,677	2,461,672	309,728
1972	72,310	235,910	33,726	15,255,139	2,796,568	351,541
1973	89,200	278,958	40,603	17,300,839	3,687,770	488,942
1974	81,496	414,921	58,810	15,234,499	3,641,313	457,670
1975	63,425	369,361	51,684	14,829,471	3,539,956	447,710
1976	64,622	371,794	53,182	16,491,860	5,554,678	699,057
1977	75,424	462,460	65,847	16,703,422	10,150,748	1,275,525
1978	92,119	422,861	59,699	11,968,260	8,633,083	1,086,185
1979	53,242	629,381	92,195	16,288,542	18,900,201	2,394,578
1980	54,140	1,043,361	153,401	15,716,835	20,421,385	2,582,020
TOTALS	2,839,812	9,754,404	1,419,516	434,532,534	114,366,133	14,414,586

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	243	5,039	365
1954	--	--	--	261	6,265	392
1955-66	--	--	--	--	--	--
1967	2,716,790	73,003	4,056	--	--	--
1968	1,094,189	30,735	1,502	--	--	--
1969	898,344	21,839	986	--	--	--
1970	459,754	10,059	443	--	--	--
1971	730,048	21,110	958	--	--	--
1972	360,119	10,718	489	--	--	--
1973	138,169	3,909	109	--	--	--
1974	171,950	7,024	344	--	--	--
1975	243,743	12,407	586	--	--	--
1976	115,962	5,749	263	--	--	--
1977	334,813	95,818	4,058	--	--	--
1978	546,880	92,615	3,523	--	--	--
1979	(10,816)	5,755	345	--	--	--
1980	166,371	156,031	8,463	--	--	--
TOTALS	7,966,316	536,772	26,205	504	12,104	757

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	30,104,870	2,328,500	290,697
1954	--	--	--	11,746,374	1,275,948	159,102
1955	--	--	--	8,572,334	938,387	117,298
1956	--	--	--	7,679,321	846,153	105,769
1957	--	--	--	12,825,825	1,481,719	185,217
1958	--	--	--	13,164,825	1,531,407	191,431
1959	--	--	--	12,583,687	1,772,176	221,445
1960	--	--	--	11,899,969	1,635,995	204,653
1961	--	--	--	14,382,869	1,861,628	233,101
1962	--	--	--	13,873,683	1,897,344	238,090
1963	--	--	--	15,908,823	2,144,692	269,254
1964	--	--	--	15,810,625	2,540,750	329,427
1965	--	--	--	18,233,425	3,669,617	506,631
1966	--	--	--	21,566,621	3,853,543	520,024
1967	--	--	--	73,073,094	9,975,457	1,260,743
1968	--	--	--	(31,827,125)	(3,656,016)	(452,189)
1969	--	--	--	17,288,880	2,716,003	343,371
1970	--	--	--	18,454,550	2,971,080	376,121
1971	--	--	--	17,494,480	2,760,295	348,944
1972	--	--	--	15,687,568	3,043,196	385,756
1973	--	--	--	17,528,208	4,170,637	529,734
1974	--	--	--	15,487,945	4,063,258	517,024
1975	--	--	--	15,136,639	3,921,724	499,980
1976	18,194	8,493	1,062	16,690,638	5,940,714	754,464
1977	--	--	--	17,113,659	10,709,026	1,345,430
1978	--	--	--	12,607,259	9,138,559	1,149,407
1979	--	--	--	16,330,968	19,535,337	2,487,118
1980	--	--	--	15,937,346	21,620,777	2,743,884
TOTALS	18,194	8,493	1,062	445,357,360	124,687,906	15,862,126

OIL AND GAS OPERATIONS

ALL LANDS

FLORIDA

O I L				T O T A L A L L P R O D U C T S		
CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1976	1,820	20,804	2,601	1,820	20,804	2,601
1977	2,282	23,702	2,963	2,282	23,702	2,963
1978	5,759	69,378	8,673	5,759	69,378	8,673
1979	2,083	27,901	3,488	2,083	27,901	3,488
1980	910	16,865	2,108	910	16,865	2,108
TOTALS	12,854	158,650	19,833	12,854	158,650	19,833

OIL AND GAS OPERATIONS

ACQUIRED LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<----- T O T A L A L L P R O D U C T S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1978	5,173	62,517	7,815	5,173	62,517	7,815
1979	2,083	27,901	3,488	2,083	27,901	3,488
1980	910	16,865	2,108	910	16,865	2,108
TOTALS	8,166	107,283	13,411	8,166	107,283	13,411

OIL AND GAS OPERATIONS

INDIAN LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<----- T O T A L A L L P R O D U C T S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1976	1,820	20,804	2,601	1,820	20,804	2,601
1977	2,282	23,702	2,963	2,282	23,702	2,963
1978	586	6,861	858	586	6,861	858
1979-80	--	--	--	--	--	--
TOTALS	4,688	51,367	6,422	4,688	51,367	6,422

OIL AND GAS OPERATIONS

ALL LANDS

ILLINOIS

ACQUIRED LANDS ONLY

CALENDAR YEAR	OIL			TOTAL ALL PRODUCTS		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1977	483	6,529	1,088	483	6,529	1,088
1978	165	2,436	406	165	2,436	406
1979	83	2,538	423	83	2,538	423
1980	79	2,809	468	79	2,809	468
TOTALS	810	14,312	2,385	810	14,312	2,385

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

INDIANA

CALENDAR YEAR	<----- O I L ----->			<----- T O T A L A L L P R O D U C T S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,295	6,182	756	2,295	6,182	756
1954	659	1,799	216	659	1,799	216
1955	418	1,196	133	418	1,196	133
1956	310	963	100	310	963	100
1957	342	1,099	119	342	1,099	119
1958	287	726	94	287	726	94
1959	385	1,017	127	385	1,017	127
1960	221	590	69	221	590	69
1961	232	610	76	232	610	76
1962	246	642	81	246	642	81
1963	173	439	55	173	439	55
1964	111	266	33	111	266	33
1965-80	--	--	--	--	--	--
TOTALS	5,679	15,529	1,859	5,679	15,529	1,859

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PFIDR	63,108	150,828	20,815	39,804,802	3,331,098	380,404
1954	29,818	75,690	10,498	5,224,085	588,127	74,796
1955	62,510	157,788	21,021	5,829,342	657,306	83,351
1956	82,286	207,656	27,442	6,111,379	695,942	87,916
1957	125,294	348,200	42,275	7,069,947	854,772	100,721
1958	244,197	611,735	77,996	6,287,161	731,228	92,798
1959	546,054	1,343,114	182,635	11,425,225	1,390,827	148,128
1960	821,283	1,971,011	286,188	12,695,034	1,493,368	140,921
1961	831,775	2,054,847	291,414	10,614,455	1,255,369	122,807
1962	857,163	2,152,304	309,699	10,174,236	1,189,618	120,232
1963	806,693	2,126,446	295,897	11,630,920	1,314,442	143,021
1964	709,561	1,874,334	253,074	13,670,211	1,633,588	200,329
1965	712,912	1,883,236	259,778	11,114,742	1,297,124	162,590
1966	665,723	1,823,358	245,476	11,634,492	1,572,007	178,117
1967	655,865	1,853,408	245,831	12,719,024	1,932,598	215,271
1968	675,803	1,970,835	263,239	12,234,952	1,679,188	208,256
1969	718,192	2,210,376	298,352	16,875,674	2,030,387	259,670
1970	784,160	2,470,720	337,198	15,949,728	2,062,123	263,524
1971	754,145	2,545,219	351,112	13,474,974	1,813,444	222,023
1972	767,011	2,620,761	362,565	13,140,725	1,988,657	255,079
1973	699,403	2,800,942	387,378	13,925,188	2,135,279	286,840
1974	593,714	3,141,090	431,259	13,045,615	2,149,725	276,188
1975	510,698	2,809,025	381,112	13,820,273	2,996,026	404,666
1976	524,417	3,146,260	427,371	14,560,687	4,850,877	624,495
1977	388,909	2,420,739	327,348	13,093,108	5,217,245	642,670
1978	389,711	2,530,687	392,852	14,991,061	7,546,821	951,937
1979	339,261	3,245,089	388,549	12,646,196	9,863,086	1,222,908
1980	351,749	5,557,814	740,411	11,450,442	9,607,317	1,230,041
TOTALS	14,711,415	56,104,612	7,658,765	355,212,310	74,063,403	9,141,640

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	39,867,910	3,481,926	401,219
1954	--	--	--	5,253,903	663,817	85,294
1955	--	--	--	5,891,862	815,094	104,372
1956	--	--	--	6,193,665	903,599	115,259
1957	--	--	--	7,195,241	1,202,972	142,596
1958	--	--	--	6,531,350	1,342,963	166,794
1959	--	--	--	11,971,279	2,735,941	336,763
1960	--	--	--	13,516,317	3,464,379	427,159
1961	--	--	--	11,446,230	3,310,216	424,221
1962	--	--	--	11,031,401	3,342,922	429,531
1963	28,442	1,008	56	12,466,055	3,441,896	439,564
1964	7,702	297	17	14,367,574	3,508,219	452,420
1965	39,396	1,789	83	11,867,050	3,182,146	422,851
1966	2,100	118	--	12,302,315	3,295,485	423,593
1967	1,631	83	5	13,375,520	3,786,089	465,107
1968	3,270	151	7	12,213,955	3,650,174	471,604
1969	1,785	78	4	17,595,651	4,240,841	558,035
1970	11,818	994	102	16,745,706	4,532,827	600,524
1971	8,588	499	28	14,237,707	4,359,262	582,163
1972	--	--	--	13,807,736	4,609,418	617,644
1973	--	--	--	14,624,597	4,939,221	674,227
1974	--	--	--	13,639,329	5,280,825	707,447
1975	--	--	--	14,331,571	5,805,854	785,779
1976	--	--	--	15,085,104	7,597,137	1,051,856
1977	--	--	--	13,482,017	7,637,984	970,915
1978	--	--	--	15,390,772	10,079,508	1,344,789
1979	--	--	--	12,985,457	13,108,175	1,621,457
1980	--	--	--	11,902,191	15,365,131	1,970,652
TOTALS	104,732	5,017	302	370,029,467	130,193,032	16,900,136

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	63,108	150,028	20,815	39,769,781	3,308,596	379,610
1954	29,818	75,690	10,498	5,141,666	51,136	73,524
1955	62,510	157,788	21,021	5,706,002	632,061	81,655
1956	82,286	207,656	27,442	5,880,030	647,180	84,902
1957	125,294	348,200	42,275	6,620,098	755,036	95,657
1958	244,197	611,735	77,996	5,852,136	673,324	84,166
1959	536,004	1,319,000	180,571	7,880,918	963,493	120,437
1960	818,319	1,963,775	285,729	6,546,882	767,965	95,996
1961	828,832	2,048,058	291,029	7,474,591	866,422	108,204
1962	843,186	2,119,905	307,598	7,575,101	867,261	108,408
1963	777,194	2,046,234	285,245	8,824,408	854,932	107,123
1964	645,074	1,702,102	223,230	10,669,572	1,272,273	159,783
1965	650,266	1,714,010	227,909	9,265,018	1,034,440	130,420
1966	597,754	1,632,665	209,104	9,421,739	1,273,232	133,656
1967	585,485	1,647,929	205,991	10,255,911	1,594,713	172,575
1968	594,193	1,727,262	215,008	9,882,026	1,262,875	150,398
1969	618,593	1,898,693	237,337	13,762,632	1,647,539	206,609
1970	661,204	2,078,545	259,818	12,937,277	1,643,329	205,499
1971	623,029	2,097,471	262,240	10,434,063	1,447,687	181,266
1972	629,550	2,146,654	268,442	10,537,739	1,579,922	197,644
1973	572,842	2,292,736	286,592	11,098,986	1,647,738	211,157
1974	496,828	2,604,767	325,596	10,618,575	1,723,317	217,390
1975	435,485	2,391,868	298,984	11,441,082	2,552,695	341,411
1976	433,908	2,588,777	323,925	12,155,468	4,129,910	523,328
1977	327,865	2,069,390	258,744	11,005,247	4,541,802	567,758
1978	326,919	2,091,840	307,786	13,126,097	5,749,564	843,699
1979	286,733	2,753,684	298,834	11,312,156	9,046,294	1,123,530
1980	298,638	4,857,553	607,296	10,122,400	9,059,166	1,121,269
TOTALS	13,195,114	49,344,815	6,367,955	225,430,603	63,105,002	7,845,874

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY (BU)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY (BU)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICR						
1954	30,932,889	3,459,424	400,725			
1955	5,171,484	626,826	84,032			
1956	5,768,512	790,629	102,676			
1957	5,962,316	854,636	112,344			
1958	6,755,392	1,103,236	127,932			
1959	6,097,333	1,285,059	162,162			
1960	8,516,922	2,282,493	301,008			
1961	7,365,201	2,731,740	381,725			
1962	8,303,423	2,914,490	399,233			
1963	8,418,297	2,937,166	416,006			
1964	9,601,602	2,901,166	392,268			
1965	11,314,646	2,974,375	383,013			
1966	9,915,284	2,748,450	358,279			
1967	10,019,493	2,905,597	342,760			
1968	10,841,396	3,242,642	378,566			
1969	10,476,219	2,990,127	374,296			
1970	14,392,226	3,546,232	443,646			
1971	12,598,481	3,721,874	465,217			
1972	11,057,092	3,545,158	443,506			
1973	11,167,289	3,726,576	466,286			
1974	11,671,828	3,940,474	497,749			
1975	11,115,403	4,328,084	542,696			
1976	11,976,568	4,944,562	640,395			
1977	12,589,276	6,718,687	847,253			
1978	11,323,112	6,611,252	826,502			
1979	13,453,016	8,841,406	1,151,485			
1980	11,599,889	11,799,876	1,422,354			
	10,421,038	13,916,739	1,738,665			
TOTALS	303,625,717	112,449,817	14,212,029			

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	35,021	22,502	494
1954	--	--	--	82,419	26,951	1,262
1955	--	--	--	123,340	24,265	1,006
1956	--	--	--	231,349	48,762	2,014
1957	--	--	--	439,849	99,726	5,064
1958	--	--	--	434,025	57,904	4,632
1959	10,050	24,114	2,064	3,444,307	427,324	27,691
1960	2,964	7,236	459	6,148,152	725,402	44,975
1961	2,943	6,709	385	3,139,264	388,027	24,502
1962	13,977	33,399	2,101	2,599,137	322,357	21,074
1963	29,499	80,212	10,652	2,806,512	459,510	35,888
1964	64,487	172,232	29,844	3,000,739	361,315	40,546
1965	62,646	169,226	31,869	1,849,724	262,684	32,570
1966	67,969	190,693	36,372	2,212,753	298,775	44,441
1967	70,380	205,479	39,840	2,462,113	337,885	46,696
1968	81,610	243,573	47,331	2,352,856	416,313	49,570
1969	99,599	311,683	61,015	3,112,041	382,848	53,070
1970	122,956	392,175	77,380	3,012,451	418,794	58,025
1971	131,116	447,848	98,872	3,040,211	365,757	50,757
1972	137,461	474,107	94,123	2,602,986	408,735	57,125
1973	126,561	508,206	100,786	2,826,202	490,541	75,602
1974	96,886	536,323	105,663	2,427,040	426,418	58,798
1975	75,213	417,157	82,128	2,370,790	444,124	63,255
1976	90,509	557,403	103,446	2,405,219	720,967	101,157
1977	61,044	351,349	68,604	2,087,861	675,252	75,712
1978	62,792	438,847	85,066	1,864,064	799,257	108,238
1979	52,528	491,405	89,715	1,323,040	616,792	109,378
1980	53,111	700,261	133,115	1,328,042	748,131	98,672
TOTALS	1,516,301	6,759,797	1,200,830	59,782,707	10,978,401	1,295,175

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

CALENDAR YEAR	<--- GASOLINE AND LPC --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	35,021	22,502	494
1954	--	--	--	82,419	26,991	1,262
1955	--	--	--	127,340	24,265	1,696
1956	--	--	--	231,349	48,763	3,014
1957	--	--	--	439,849	79,736	5,066
1958	--	--	--	434,025	57,904	4,632
1959	--	--	--	3,454,357	451,448	28,755
1960	--	--	--	6,151,116	732,635	45,424
1961	--	--	--	3,142,807	395,726	24,055
1962	--	--	--	2,612,114	355,756	22,925
1963	28,442	1,008	56	2,864,453	540,720	46,596
1964	7,702	297	17	3,072,928	533,844	70,407
1965	39,396	1,789	82	1,951,766	433,699	64,522
1966	2,100	118	--	2,282,022	489,586	80,833
1967	1,631	83	5	2,524,124	543,447	86,541
1968	3,270	151	7	2,437,736	660,037	97,309
1969	1,785	78	4	3,213,425	694,609	114,089
1970	11,818	994	102	3,147,225	811,963	135,507
1971	8,588	499	28	3,180,615	814,104	139,657
1972	--	--	--	2,740,447	852,842	151,258
1973	--	--	--	2,852,763	995,747	176,478
1974	--	--	--	2,523,926	962,741	164,461
1975	--	--	--	2,455,003	861,291	145,383
1976	--	--	--	2,495,729	1,279,450	204,603
1977	--	--	--	2,149,905	1,026,702	144,316
1978	--	--	--	1,927,756	1,238,104	193,304
1979	--	--	--	1,355,568	1,308,197	199,693
1980	--	--	--	1,381,152	1,448,392	231,797
TOTALS	104,732	5,017	302	61,403,740	17,743,215	2,586,297

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,661	15,214	1,721	--	--	--
1954	342	934	92	--	--	--
1955	230	658	64	--	--	--
1956	347	1,078	106	--	--	--
1957	27,431	85,956	12,796	--	--	--
1958	47,857	154,918	21,389	--	--	--
1959	39,650	118,961	17,503	--	--	--
1960	150,366	450,425	66,416	--	--	--
1961	395,475	1,189,017	178,727	--	--	--
1962	447,040	1,341,068	201,127	3,317	497	62
1963	343,771	1,016,087	152,370	--	--	--
1964	311,211	883,837	132,547	--	--	--
1965	249,579	707,841	106,153	3,344	502	62
1966	212,928	628,423	94,263	--	--	--
1967	168,776	502,315	75,349	14,273	1,923	240
1968	138,106	420,179	63,027	32,669	4,401	550
1969	124,196	395,169	59,275	8,062	1,086	136
1970	103,872	335,529	50,331	3,656	520	67
1971	69,293	238,162	35,724	2,602	485	61
1972	43,353	148,621	22,302	2,366	319	40
1973	30,917	115,662	17,356	1,286	173	22
1974	19,179	133,686	20,053	779	105	13
1975	12,028	96,837	14,526	25,476	5,666	708
1976	9,566	116,229	17,434	40,921	11,205	1,401
1977	8,941	127,221	19,083	46,725	9,509	1,199
1978	8,764	129,466	19,474	204,364	213,954	25,501
1979	7,691	186,923	28,038	354,543	425,451	47,334
1980	6,497	242,734	36,406	279,887	335,864	36,892
TOTALS	2,983,067	9,782,150	1,463,593	1,034,261	1,011,678	114,279

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,661	15,214	1,721
1954	342	934	92
1955	230	658	64
1956	347	1,078	106
1957	27,431	85,956	12,796
1958	47,857	154,918	21,389
1959	39,650	118,961	17,503
1960	150,366	450,425	66,416
1961	395,475	1,188,017	178,727
1962	450,357	1,341,565	201,189
1963	343,771	1,016,087	152,370
1964	311,211	883,837	132,547
1965	252,923	708,343	106,216
1966	212,928	628,423	94,263
1967	183,049	504,238	75,589
1968	170,775	424,580	63,577
1969	132,258	396,255	59,411
1970	107,528	336,067	50,398
1971	72,895	238,647	35,785
1972	45,719	148,940	22,333
1973	32,203	115,835	17,378
1974	19,957	133,791	20,066
1975	37,506	102,503	15,234
1976	59,497	127,434	18,835
1977	55,666	136,730	20,272
1978	213,128	343,420	44,925
1979	362,274	612,374	75,372
1980	286,384	578,598	73,298
TOTALS	4,017,340	10,793,828	1,577,872

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,661	15,214	1,721	--	--	--
1954	342	934	92	--	--	--
1955	230	658	64	--	--	--
1956	347	1,078	106	--	--	--
1957	1,094	3,515	430	--	--	--
1958	4,315	14,961	1,795	--	--	--
1959	4,530	13,601	1,699	--	--	--
1960	15,823	45,755	5,719	--	--	--
1961	(7,529)	(21,002)	(2,625)	--	--	--
1962	450	1,297	161	3,317	497	62
1963	677	1,702	213	--	--	--
1964	521	1,239	155	--	--	--
1965	377	915	114	3,344	502	63
1966	--	--	--	--	--	--
1967	--	--	--	14,273	1,922	240
1968	--	--	--	32,669	4,401	550
1969	--	--	--	8,062	1,086	136
1970	--	--	--	2,656	520	67
1971	--	--	--	3,602	485	61
1972	--	--	--	2,366	319	40
1973	--	--	--	1,286	173	22
1974	--	--	--	770	105	13
1975	--	--	--	25,478	5,666	708
1976	--	--	--	49,931	11,205	1,401
1977	--	--	--	46,725	9,509	1,189
1978	--	--	--	204,364	213,954	25,501
1979	--	--	--	354,543	425,451	47,334
1980	--	--	--	279,887	335,864	36,892
TOTALS	26,838	79,867	9,644	1,034,281	1,011,678	114,279

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,661	15,214	1,721
1954	342	934	92
1955	230	658	64
1956	347	1,078	106
1957	1,094	3,515	430
1958	4,315	14,961	1,795
1959	4,530	13,601	1,699
1960	15,823	45,755	5,719
1961	(7,529)	(21,002)	(2,625)
1962	3,767	1,794	223
1963	677	1,702	213
1964	521	1,239	155
1965	3,721	1,417	177
1966	--	--	--
1967	14,273	1,923	240
1968	32,669	4,401	550
1969	8,062	1,086	136
1970	3,656	538	67
1971	3,602	485	61
1972	2,366	319	40
1973	1,286	173	22
1974	778	105	13
1975	25,478	5,666	708
1976	49,931	11,205	1,401
1977	46,725	9,509	1,189
1978	204,364	213,954	25,501
1979	354,543	425,451	47,334
1980	279,887	335,864	36,892
TOTALS	1,061,119	1,091,545	123,923

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

KENTUCKY

CALENDAR YEAR	O I L			- TOTAL ALL PRODUCTS -		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1957	26,337	82,441	12,366	26,337	82,441	12,366
1958	43,542	139,957	19,594	43,542	139,957	19,594
1959	35,120	105,360	15,804	35,120	105,360	15,804
1960	134,543	404,670	60,697	134,543	404,670	60,697
1961	403,004	1,209,019	181,352	403,004	1,209,019	181,352
1962	446,590	1,339,771	200,966	446,590	1,339,771	200,966
1963	343,094	1,014,385	152,157	343,094	1,014,385	152,157
1964	310,690	882,598	132,392	310,690	882,598	132,392
1965	249,202	706,926	106,039	249,202	706,926	106,039
1966	212,928	628,423	94,263	212,928	628,423	94,263
1967	168,776	502,315	75,349	168,776	502,315	75,349
1968	138,106	420,179	63,027	138,106	420,179	63,027
1969	124,196	395,169	59,275	124,196	395,169	59,275
1970	103,872	335,529	50,331	103,872	335,529	50,331
1971	69,293	238,162	35,724	69,293	238,162	35,724
1972	43,353	148,621	22,293	43,353	148,621	22,293
1973	30,917	115,662	17,356	30,917	115,662	17,356
1974	19,179	133,686	20,053	19,179	133,686	20,053
1975	12,028	96,837	14,526	12,028	96,837	14,526
1976	9,566	116,229	17,434	9,566	116,229	17,434
1977	8,941	127,221	19,083	8,941	127,221	19,083
1978	8,764	129,466	19,424	8,764	129,466	19,424
1979	7,691	186,923	28,038	7,691	186,923	28,038
1980	6,497	242,734	36,406	6,497	242,734	36,406
TOTALS	2,956,229	9,702,283	1,453,949	2,956,229	9,702,283	1,453,949

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	O I L			C O N D E N S A T E		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	17,990,361	44,204,164	5,647,214	210,063	719,664	135,453
1954	5,390,849	15,384,617	2,646,264	619,057	1,947,804	361,496
1955	12,527,092	36,103,420	5,631,527	833,631	2,624,334	483,418
1956	15,211,558	45,100,497	7,819,335	878,177	2,738,187	505,538
1957	20,782,397	68,278,080	11,934,404	697,116	2,397,306	432,270
1958	28,292,348	92,218,519	16,344,453	1,059,929	3,470,484	627,780
1959	39,076,872	123,827,352	22,307,017	1,519,992	4,871,845	989,736
1960	52,676,244	155,846,735	29,953,500	2,306,845	7,320,399	1,328,526
1961	66,593,326	208,785,100	37,633,509	3,064,308	9,527,903	1,788,043
1962	91,377,868	284,087,463	51,668,108	4,804,672	14,874,907	2,799,353
1963	105,020,597	334,482,487	58,702,403	6,247,942	19,168,310	3,618,838
1964	121,110,346	371,801,655	67,147,266	7,522,073	22,941,499	4,286,902
1965	142,706,422	427,034,773	77,901,567	8,732,553	26,864,321	4,988,612
1966	180,831,578	555,598,344	97,955,580	13,526,680	41,750,232	7,679,495
1967	212,626,703	655,305,755	114,936,344	14,297,694	42,884,947	7,743,531
1968	252,111,714	781,481,864	137,579,614	15,601,560	50,711,986	9,046,584
1969	290,422,515	946,542,006	164,457,928	16,184,974	56,381,108	9,863,476
1970	317,352,057	1,057,429,928	182,754,825	22,376,342	77,309,209	13,291,113
1971	364,388,268	1,299,368,759	221,321,883	27,394,271	99,250,253	16,835,804
1972	360,199,932	1,276,091,560	216,859,670	32,560,709	119,704,749	20,060,594
1973	345,769,209	1,431,991,115	239,171,768	32,919,245	136,308,235	22,505,037
1974	318,603,958	2,126,774,425	350,400,400	27,310,690	194,647,283	31,596,951
1975	290,300,476	2,157,995,889	354,268,029	26,076,764	213,350,928	34,774,428
1976	282,762,125	2,282,044,032	370,186,974	22,148,221	194,022,687	31,475,662
1977	266,994,972	2,390,800,648	392,187,704	26,248,834	242,253,426	39,581,711
1978	259,507,462	2,564,291,535	418,110,911	20,676,334	212,781,919	34,739,603
1979	251,365,010	2,788,646,764	452,534,369	21,825,673	237,417,026	37,824,255
1980	241,963,553	4,536,558,775	736,106,146	16,779,232	326,710,741	53,003,093
TOTALS	4,953,955,812	29,078,076,261	4,845,168,712	374,424,390	2,364,851,692	392,268,602

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<- OIL AND CONDENSATE ->			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	18,200,424	44,923,828	5,782,667	81,502,913	7,562,456	1,036,076
1954	6,009,906	17,332,421	3,007,760	86,568,914	8,744,523	1,401,322
1955	13,360,723	38,727,754	6,114,945	122,041,567	12,411,221	1,988,065
1956	16,089,735	47,838,684	8,325,273	133,766,608	13,772,617	2,084,288
1957	21,479,513	70,675,386	12,366,674	134,945,503	14,769,155	2,002,641
1958	29,352,277	95,689,002	16,972,233	176,486,674	21,700,853	3,095,150
1959	40,596,864	128,699,197	23,196,753	255,815,429	44,421,182	6,367,871
1960	54,983,089	163,167,134	31,282,026	318,703,655	59,503,943	8,626,454
1961	69,657,634	218,313,003	39,421,552	367,053,583	71,843,120	10,474,326
1962	96,182,541	298,962,370	54,467,461	548,453,001	107,453,950	16,610,643
1963	111,268,539	353,650,797	62,321,241	661,365,663	122,036,113	18,970,013
1964	128,633,219	394,743,154	71,434,168	705,636,496	131,611,154	20,296,438
1965	151,438,975	463,699,094	82,890,179	719,192,887	138,698,588	21,122,094
1966	194,358,258	597,348,576	105,635,075	1,035,371,938	193,712,663	29,689,252
1967	226,924,397	698,190,702	122,679,875	1,140,430,149	219,651,895	30,498,441
1968	267,713,274	832,193,850	146,626,508	1,464,032,502	281,355,983	46,545,513
1969	306,607,489	1,002,923,114	174,321,404	1,872,262,850	352,569,693	54,898,777
1970	339,728,399	1,134,739,137	196,045,938	2,324,699,979	423,221,961	66,586,443
1971	391,782,539	1,398,719,012	238,157,687	2,682,067,955	524,639,899	84,501,524
1972	392,760,641	1,395,796,309	236,920,664	2,935,604,455	647,092,855	102,621,378
1973	378,688,454	1,568,299,350	261,676,805	3,104,525,716	717,658,475	114,630,884
1974	345,914,656	2,331,421,708	381,997,351	3,394,707,851	856,614,637	137,732,540
1975	316,377,240	2,371,346,817	389,042,457	3,275,194,286	1,181,395,185	190,878,876
1976	304,910,346	2,476,066,719	401,662,636	3,539,854,234	1,638,948,456	265,214,429
1977	293,243,806	2,633,054,074	431,769,415	3,682,242,850	2,727,262,310	442,173,180
1978	280,183,796	2,777,073,454	452,850,514	4,178,514,211	3,862,618,962	626,731,047
1979	273,190,683	3,026,063,790	491,358,724	4,174,100,444	5,237,524,305	854,314,094
1980	258,742,785	4,863,269,516	789,109,239	4,031,663,295	6,592,767,002	1,079,372,014
TOTALS	5,328,380,202	31,442,927,953	5,237,437,314	47,246,806,700	76,221,563,246	12,240,464,273

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	10,948,256	605,762	28,225	--	--	--
1954	335,788	22,950	1,038	--	--	--
1955	631,898	41,912	1,451	--	--	--
1956	324,198	21,948	974	--	--	--
1957	839,876	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	663,083	36,508	2,373	--	--	--
1960	508,876	28,374	1,901	98,025	1,762,866	285,784
1961	7,762,266	317,114	48,750	401,521	7,252,931	1,170,733
1962	67,281,291	2,796,010	530,443	285,975	5,507,050	835,816
1963	79,221,426	3,544,151	734,474	552,573	11,069,637	1,617,471
1964	73,264,025	3,504,277	721,177	634,875	12,748,602	1,858,535
1965	63,111,218	2,861,143	533,024	1,090,950	23,387,005	3,197,532
1966	54,045,808	2,855,452	513,992	1,400,848	32,621,551	4,128,691
1967	38,979,844	2,309,391	409,766	1,409,276	37,291,107	4,167,104
1968	36,356,092	1,853,639	307,100	1,553,621	53,277,667	4,628,512
1969	254,229,435	11,724,051	959,397	1,232,939	49,129,573	3,694,432
1970	1,058,904,867	50,392,160	3,815,084	1,099,584	24,636,736	3,235,874
1971	1,488,990,617	78,274,920	5,882,771	1,178,400	23,718,311	3,452,117
1972	1,679,319,275	87,087,256	6,468,253	1,176,833	22,286,906	3,438,515
1973	1,583,824,158	103,629,678	7,774,457	1,235,358	23,748,632	3,610,757
1974	1,986,102,507	252,044,849	19,786,802	1,303,750	34,820,443	3,852,700
1975	1,969,701,153	215,592,446	16,518,190	1,249,134	69,737,571	3,737,784
1976	1,918,376,622	245,185,178	19,582,088	(554,271)	(36,777,151)	(1,651,794)
1977	2,045,429,205	313,109,663	27,579,304	--	--	--
1978	730,326,655	87,823,677	8,096,904	(5,090)	(27,891)	(4,648)
1979	3,280,368	1,547,690	342,194	--	--	--
1980	11,674,001	9,252,935	1,264,044	--	--	--
TOTALS	15,165,559,911	1,476,580,565	121,912,673	15,343,301	396,191,546	45,246,615

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	S A L T			O I L L O S T		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
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	7,389	--	--	--
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	2,772	15,717	2,708
1975	151,032	(54,212)	(8,469)	2,660	25,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,893	2,304
1977	--	--	--	48,260	266,902	44,470
1978	--	--	--	24,356	284,491	47,146
1979	--	--	--	4,076	50,197	8,024
1980	--	--	--	(192)	90,445	14,641
TOTALS	4,751,619	773,882	129,546	82,298	748,049	123,658

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- GAS LOST ----->			<----- TOTAL ALL PRODUCTS ----->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	110,651,593	53,092,046	6,846,968
1954	--	--	--	92,914,608	26,099,894	4,410,120
1955	--	--	--	136,034,188	51,180,887	8,104,461
1956	--	--	--	150,180,541	61,633,249	10,410,535
1957	--	--	--	157,264,892	85,501,550	14,373,259
1958	--	--	--	206,966,054	117,450,278	20,071,936
1959	--	--	--	297,075,376	173,156,887	29,566,897
1960	--	--	--	374,353,439	224,473,081	40,197,957
1961	--	--	--	445,403,585	297,821,310	51,131,228
1962	--	--	--	712,379,732	414,751,220	72,449,671
1963	--	--	--	852,671,152	490,348,032	83,651,088
1964	--	--	--	908,391,593	542,645,521	94,316,707
1965	--	--	--	935,125,834	628,698,164	107,751,543
1966	--	--	--	1,225,474,327	826,591,786	139,976,034
1967	--	--	--	1,408,018,088	957,492,491	157,763,308
1968	--	--	--	1,770,196,140	1,168,778,456	198,124,753
1969	--	--	--	2,434,675,773	1,416,400,182	233,874,302
1970	--	--	--	3,724,702,520	1,633,038,530	269,691,630
1971	--	--	--	4,564,389,917	2,035,418,615	332,005,611
1972	--	--	--	5,009,219,986	2,152,327,907	349,459,574
1973	--	--	--	5,068,654,933	2,413,404,759	387,704,340
1974	14,524,380	3,923,340	601,155	5,742,902,327	3,478,902,048	543,983,648
1975	14,068,265	4,637,754	709,115	5,676,742,770	3,842,681,965	600,882,318
1976	15,463,476	6,514,119	1,028,111	5,777,938,283	4,329,930,768	685,834,266
1977	15,054,942	9,075,596	1,444,045	6,036,019,063	5,682,768,545	903,010,414
1978	31,395,187	20,704,400	3,282,110	5,220,439,115	6,748,477,093	1,091,003,073
1979	20,527,713	20,055,221	3,194,378	4,471,103,284	8,285,241,203	1,349,217,414
1980	14,028,956	21,462,861	3,406,672	4,316,108,845	11,496,842,869	1,873,166,610
TOTALS	125,062,919	86,373,311	13,665,586	67,885,987,958	59,625,156,552	9,658,979,665

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	4,350,895	7,482,904	963,709	34,371,985	2,430,882	152,288
1954	153,003	398,385	56,927	2,142,091	233,864	27,531
1955	880,218	2,221,856	161,551	4,198,793	465,827	57,799
1956	542,673	1,369,481	172,796	4,249,512	467,718	60,814
1957	741,077	2,059,497	241,290	4,499,361	512,387	66,532
1958	515,681	1,667,627	208,453	4,486,416	650,244	65,284
1959	1,052,162	3,549,358	443,670	1,725,716	561,303	166,819
1960	1,482,568	4,773,406	596,676	4,403,534	861,442	107,680
1961	1,441,703	4,710,080	588,760	4,920,814	948,952	118,619
1962	1,460,182	4,721,215	590,152	7,559,141	1,559,789	195,441
1963	1,608,659	5,165,281	645,660	12,924,670	2,697,452	327,721
1964	1,325,314	4,174,986	529,105	10,093,420	1,939,811	248,684
1965	1,437,728	4,499,742	571,390	11,855,989	2,276,286	284,155
1966	1,614,941	5,071,618	632,417	14,249,329	2,600,813	329,441
1967	1,736,617	5,514,552	694,258	13,016,851	2,662,422	340,474
1968	(747,026)	(2,464,069)	(380,369)	12,218,641	2,307,923	269,861
1969	1,485,537	4,967,484	554,022	12,652,868	2,513,656	311,250
1970	1,446,502	4,910,989	606,704	10,841,897	1,983,321	248,432
1971	1,327,217	4,805,818	603,700	7,480,815	1,576,819	198,394
1972	1,073,068	3,879,736	482,619	6,446,868	1,357,743	170,622
1973	866,500	3,463,115	430,634	3,905,048	878,031	114,712
1974	695,447	3,940,549	489,631	3,757,564	978,428	123,156
1975	538,024	3,078,451	383,060	2,707,313	794,716	103,769
1976	477,106	2,890,851	359,452	2,474,754	1,227,690	160,422
1977	429,485	2,774,251	345,635	2,406,986	1,287,749	163,624
1978	392,207	2,741,465	341,646	1,785,737	630,157	78,200
1979	363,054	2,784,396	347,335	1,184,522	1,131,686	141,517
1980	369,736	5,959,923	743,590	1,145,135	1,828,422	230,052
TOTALS	29,060,278	101,102,947	12,404,473	203,706,567	39,365,533	4,873,293

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	10,948,256	605,762	28,225	--	--	--
1954	335,788	22,950	1,038	--	--	--
1955	631,898	41,912	1,451	--	--	--
1956	324,198	21,948	974	--	--	--
1957	839,876	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	663,083	36,508	2,373	--	--	--
1960	508,876	28,374	1,901	--	--	--
1961	447,103	21,662	1,246	--	--	--
1962	544,755	22,135	1,213	--	--	--
1963	666,040	34,093	1,844	--	--	--
1964	451,132	20,909	1,326	--	--	--
1965	1,455,829	57,354	5,864	--	--	--
1966	1,547,745	77,514	8,192	--	--	--
1967	1,999,920	111,403	12,598	--	--	--
1968	3,084,297	136,029	16,188	--	--	--
1969	4,086,733	173,094	18,373	--	--	--
1970	6,279,041	283,151	25,081	--	--	--
1971	6,413,489	329,757	27,353	--	--	--
1972	5,232,695	257,080	22,811	--	--	--
1973	3,754,839	196,973	19,548	--	--	--
1974	4,378,170	327,153	27,211	882	238	30
1975	3,348,400	298,332	29,232	8,797	2,374	297
1976	2,921,251	310,092	30,699	6,547	3,562	445
1977	1,917,824	416,912	49,334	14,339	10,274	15,593
1978	405,700	469,634	58,718	182,903	769,873	96,107
1979	324,245	551,712	68,954	--	--	--
1980	300,489	601,292	75,162	(164,420)	(55,729)	(23,106)
TOTALS	64,938,775	5,561,246	545,406	49,048	730,593	89,766

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	49,671,136	10,519,548	1,144,222
1954	2,631,682	645,199	85,496
1955	5,710,909	2,729,595	220,801
1956	5,116,383	1,859,147	234,584
1957	6,080,314	2,628,893	311,766
1958	6,129,200	2,378,293	278,290
1959	3,440,961	4,147,169	612,162
1960	6,394,978	5,663,222	706,757
1961	6,809,620	5,680,694	708,625
1962	9,564,078	6,303,139	786,806
1963	15,199,369	7,896,826	985,225
1964	11,869,866	6,135,706	779,115
1965	14,749,546	6,833,382	861,409
1966	17,412,015	7,749,945	970,050
1967	16,753,380	8,288,377	1,047,330
1968	14,555,912	(20,117)	(94,320)
1969	18,225,138	7,654,224	883,645
1970	19,567,440	7,177,461	880,217
1971	15,221,521	6,712,394	829,447
1972	12,752,631	5,494,559	676,052
1973	8,526,384	4,538,119	564,894
1974	8,832,063	5,246,368	640,028
1975	6,602,534	4,163,873	516,358
1976	5,879,658	4,432,196	551,018
1977	4,768,634	4,489,186	574,586
1978	2,766,547	4,611,129	574,671
1979	1,871,221	4,467,754	557,806
1980	1,650,940	3,333,908	1,025,698
TOTALS	297,754,648	146,760,319	17,912,538

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	940,634	2,770,866	584,088	210,063	719,664	135,453
1954	2,723,173	8,028,326	1,681,702	619,057	1,947,804	361,496
1955	5,869,897	17,312,409	3,538,967	833,631	2,624,324	483,418
1956	10,123,071	29,724,365	6,013,072	878,177	2,738,187	505,938
1957	15,367,279	51,146,960	9,790,301	697,116	2,397,306	432,270
1958	23,709,108	77,256,710	14,482,598	1,058,929	3,470,484	627,780
1959	34,177,272	108,196,671	20,331,582	1,519,992	4,871,845	889,736
1960	47,359,046	139,113,688	27,843,078	2,306,845	7,320,399	1,328,526
1961	61,265,770	192,144,960	35,462,210	3,064,308	9,527,903	1,788,643
1962	84,928,426	264,041,875	48,705,620	4,804,673	14,874,907	2,799,353
1963	98,278,494	313,637,661	55,591,619	6,247,947	19,168,310	3,618,828
1964	114,972,300	352,663,296	64,358,443	7,522,873	22,941,496	4,286,902
1965	136,232,315	417,131,468	75,417,896	8,737,553	26,664,321	4,928,612
1966	174,304,792	535,253,645	95,584,085	13,526,680	41,750,232	7,679,495
1967	204,698,134	630,364,403	112,166,314	14,297,694	42,804,947	7,743,531
1968	248,223,799	769,355,722	136,455,284	15,601,560	50,711,986	9,046,984
1969	283,974,318	925,153,657	162,162,256	16,164,974	56,381,108	9,863,476
1970	311,035,150	1,036,032,944	180,410,505	22,376,262	77,309,209	13,291,113
1971	358,366,080	1,277,637,359	218,947,766	27,394,271	99,350,253	16,335,804
1972	355,029,953	1,257,524,468	214,844,499	32,560,709	119,704,749	20,060,994
1973	341,277,611	1,413,819,684	237,227,064	32,919,245	136,308,225	22,505,037
1974	315,124,798	2,116,320,829	348,152,189	27,310,698	194,647,283	31,596,951
1975	287,515,795	2,142,058,833	352,531,404	26,076,764	213,350,928	34,774,428
1976	279,738,781	2,263,338,628	368,173,908	22,148,221	194,022,687	31,475,662
1977	264,522,771	2,374,005,873	390,343,437	26,248,834	242,253,426	39,581,711
1978	257,395,201	2,548,509,418	416,325,361	20,676,334	212,781,919	34,739,603
1979	249,183,243	2,768,895,262	451,278,478	21,025,673	237,417,026	37,824,255
1980	239,908,850	4,506,131,180	732,523,049	16,779,232	326,710,741	53,003,093
TOTALS	4,806,246,061	28,537,581,181	4,780,926,775	374,424,390	2,364,851,692	392,268,602

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<- OIL AND CONDENSATE ->			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,150,697	3,490,530	719,541	19,881,055	1,546,331	248,351
1954	3,342,230	9,976,130	2,043,198	56,325,083	4,393,968	705,779
1955	6,703,528	19,936,743	4,022,385	81,279,042	7,119,031	1,116,642
1956	11,001,248	32,462,552	6,519,010	92,892,538	6,995,060	1,103,698
1957	16,064,395	53,544,266	10,222,571	82,568,807	7,507,953	1,165,294
1958	24,769,037	80,737,194	15,110,378	127,692,849	15,733,942	2,313,500
1959	35,697,264	113,058,516	21,221,318	207,156,296	37,403,164	5,318,518
1960	49,665,891	146,434,087	29,171,604	273,034,451	52,761,614	7,636,074
1961	64,330,078	201,672,863	37,250,253	310,280,095	64,615,520	9,483,489
1962	89,733,099	278,916,782	51,504,972	451,952,659	92,209,196	13,748,400
1963	104,526,436	332,805,991	59,210,457	564,352,606	106,783,758	16,136,781
1964	122,495,173	375,604,795	68,645,345	621,731,438	118,377,080	17,887,512
1965	144,964,868	443,795,709	80,406,508	646,589,469	126,977,562	19,248,110
1966	187,831,472	577,003,877	103,263,580	965,387,849	182,465,908	27,989,727
1967	218,995,828	673,249,350	119,909,845	1,087,262,804	210,606,727	29,186,197
1968	263,825,359	820,067,708	145,502,268	1,413,467,606	272,969,079	45,405,714
1969	300,159,292	981,534,765	172,025,732	1,827,544,142	344,015,027	53,764,395
1970	333,411,492	1,113,342,153	193,701,618	2,273,147,040	414,018,456	65,425,568
1971	385,760,351	1,376,987,612	235,783,570	2,634,014,031	525,451,277	83,372,079
1972	387,590,662	1,377,229,217	234,905,493	2,881,364,733	636,164,978	101,311,962
1973	374,196,856	1,550,127,919	259,732,101	3,055,628,236	707,142,624	113,289,175
1974	342,435,496	2,310,968,112	379,749,140	3,349,170,864	844,519,248	136,123,741
1975	313,592,559	2,355,409,761	387,305,832	3,332,169,057	1,169,897,666	189,234,635
1976	301,887,002	2,457,361,315	399,649,570	3,499,865,900	1,622,680,649	263,062,050
1977	290,771,605	2,616,259,299	429,925,148	3,647,513,674	2,712,635,503	440,362,490
1978	278,071,535	2,761,291,337	451,964,964	4,149,731,136	3,847,319,727	624,603,700
1979	271,008,916	3,006,312,289	485,102,832	4,158,521,710	5,225,483,453	852,694,229
1980	256,688,082	4,832,841,921	785,526,142	4,013,707,434	6,578,100,474	1,077,439,217
TOTALS	5,180,670,451	30,902,432,873	5,173,195,377	45,816,232,603	25,935,893,987	4,199,379,312

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	--	--	--	98,025	1,762,866	285,784
1961	--	--	--	401,521	7,252,931	1,170,732
1962	--	--	--	285,975	5,507,050	935,816
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	222,430,316	9,777,811	714,111	1,232,939	42,129,573	3,684,432
1970	1,027,998,797	49,247,030	3,582,647	1,099,584	24,636,736	3,235,874
1971	1,462,879,363	76,751,561	5,659,170	1,178,400	23,718,311	3,452,117
1972	1,654,668,547	85,637,383	6,258,847	1,176,833	22,296,906	3,438,515
1973	1,557,169,529	101,743,599	7,487,901	1,235,358	23,748,632	3,610,797
1974	1,959,936,667	249,229,701	19,359,315	1,303,750	34,820,443	3,852,700
1975	1,948,285,033	212,943,717	16,106,833	1,248,134	69,737,571	3,737,794
1976	1,898,731,789	242,560,913	19,180,382	(554,271)	(36,777,151)	(1,651,794)
1977	2,033,685,880	311,000,372	27,256,703	--	--	--
1978	714,086,001	84,905,640	7,638,224	(5,090)	(27,891)	(4,445)
1979	(5,344,052)	(713,908)	(4,022)	--	--	--
1980	2,458,731	3,271,711	309,011	--	--	--
TOTALS	14,476,986,601	1,426,355,530	113,549,122	15,342,301	396,191,546	45,246,615

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	S A L T			O I L L O S T		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
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	56,673	11,112	--	--	--
1972	358,782	64,581	10,764	--	--	--
1973	381,247	68,624	11,437	--	--	--
1974	346,411	62,354	10,392	2,772	15,717	2,708
1975	151,032	(54,212)	(8,469)	2,660	26,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,892	2,304
1977	--	--	--	48,260	266,902	44,470
1978	--	--	--	24,356	234,491	47,146
1979	--	--	--	4,076	50,197	8,024
1980	--	--	--	(192)	90,445	14,641
TOTALS	4,751,619	773,882	129,546	93,298	748,049	123,658

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	21,031,752	5,036,861	967,892
1954	--	--	--	59,667,313	14,370,098	2,748,977
1955	--	--	--	87,982,570	27,054,774	5,139,027
1956	--	--	--	93,893,786	39,457,612	7,622,700
1957	--	--	--	98,632,202	61,052,219	11,387,865
1958	--	--	--	152,461,805	96,471,136	17,423,878
1959	--	--	--	242,852,560	150,471,680	26,539,836
1960	--	--	--	322,858,161	200,969,331	37,095,254
1961	--	--	--	382,540,275	273,636,456	47,920,332
1962	--	--	--	542,148,657	376,664,876	66,094,497
1963	--	--	--	669,694,566	450,706,720	76,972,598
1964	--	--	--	745,074,464	506,768,811	88,397,781
1965	--	--	--	791,936,091	594,212,690	102,860,874
1966	--	--	--	1,154,917,644	792,144,880	135,390,922
1967	--	--	--	1,307,942,330	921,196,580	153,271,258
1968	--	--	--	1,679,387,237	1,146,411,771	195,553,524
1969	--	--	--	2,346,709,749	1,384,519,927	230,198,962
1970	--	--	--	3,635,926,604	1,601,292,921	265,953,798
1971	--	--	--	4,484,202,551	2,002,975,434	328,279,048
1972	--	--	--	4,925,159,557	2,121,383,065	345,925,581
1973	--	--	--	4,988,611,226	2,382,831,398	384,131,271
1974	14,523,498	3,923,102	601,125	5,667,719,458	3,443,538,677	539,699,121
1975	14,008,177	4,621,538	707,432	5,609,456,652	3,812,582,445	597,088,712
1976	15,456,919	6,510,553	1,027,665	5,715,275,175	4,292,329,726	681,267,769
1977	15,040,603	9,055,322	1,428,052	5,987,060,022	5,649,227,398	899,016,863
1978	30,774,806	19,787,047	3,163,390	5,172,682,744	6,713,560,361	1,086,512,776
1979	20,527,713	20,055,221	3,194,378	4,444,718,363	8,251,187,252	1,344,995,442
1980	14,598,640	21,655,683	3,448,831	4,287,452,695	11,435,960,234	1,866,737,837
TOTALS	124,930,356	85,618,466	13,570,873	65,618,998,229	58,748,014,333	9,545,194,503

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	11,519,402	30,737,945	3,678,225	1,575,677	903,448	8,147
1954	1,930,172	5,268,632	684,656	4,621,467	1,513,475	67,073
1955	5,095,141	14,583,547	1,669,451	9,103,686	1,791,023	121,737
1956	3,787,826	11,762,984	1,337,872	9,528,254	2,008,337	138,741
1957	3,608,341	11,594,069	1,443,918	10,315,653	2,339,074	150,859
1958	3,093,262	10,319,206	1,238,305	11,245,945	1,398,360	167,806
1959	2,839,298	9,007,121	1,109,677	8,081,514	1,480,810	183,517
1960	2,779,468	8,728,760	1,070,146	6,164,809	1,329,955	169,560
1961	2,821,639	8,665,432	1,064,115	6,796,039	1,508,417	189,608
1962	3,050,788	9,512,933	1,164,138	6,348,449	1,425,497	176,904
1963	3,123,301	9,680,369	1,184,904	8,060,534	1,763,187	218,450
1964	3,110,638	9,973,724	1,217,219	9,706,388	2,230,556	277,089
1965	3,674,870	11,431,159	1,235,111	10,493,850	2,296,884	246,504
1966	3,853,325	12,177,052	1,224,417	12,311,794	2,649,891	266,241
1967	5,431,257	17,180,496	1,707,222	10,406,371	2,248,868	225,208
1968	3,943,854	12,498,656	1,166,138	10,006,044	2,137,299	200,253
1969	4,388,739	14,594,393	1,448,097	12,567,001	2,693,801	269,330
1970	4,381,290	14,906,392	1,482,961	19,901,425	4,289,065	428,946
1971	4,299,245	15,555,239	1,549,989	22,008,125	4,900,672	489,078
1972	3,760,271	13,521,147	1,346,351	27,076,572	6,151,489	613,700
1973	3,348,059	13,667,427	1,348,352	20,516,164	4,877,298	486,848
1974	2,524,160	14,494,456	1,437,280	17,571,635	4,833,549	482,575
1975	2,018,864	11,436,118	1,133,132	20,928,779	6,090,268	614,117
1976	2,320,027	14,291,838	1,414,051	20,032,058	7,703,843	784,469
1977	1,845,440	12,324,997	1,226,093	21,858,949	8,777,715	902,252
1978	1,454,411	10,717,551	1,069,755	10,503,051	6,198,304	639,289
1979	1,584,651	13,195,156	1,298,723	4,466,124	5,464,486	573,624
1980	1,343,831	18,720,873	1,913,300	6,613,244	7,044,922	748,831
TOTALS	96,931,570	360,537,672	38,863,598	338,831,601	98,050,514	9,851,574

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	233,150	1,201	159	--	--	--
1962	96,432	3,887	162	--	--	--
1963	40,786	1,613	67	--	--	--
1964	40,046	1,522	63	--	--	--
1965	3,602	151	6	--	--	--
1966-68	--	--	--	--	--	--
1969	101,712	539,199	22,768	--	--	--
1970	18,336	(527,360)	(21,918)	--	--	--
1971	60,588	4,876	297	--	--	--
1972	(3,883)	2,356	330	--	--	--
1973	66,754	3,707	(29)	--	--	--
1974	88,569	13,526	695	--	--	--
1975	45,787	7,744	550	51,291	13,842	1,386
1976	399,944	48,062	2,098	10	3	1
1977	281,777	44,090	3,341	--	--	--
1978	172,459	16,846	2,105	437,478	147,480	22,613
1979	3,648	11,744	1,468	--	--	--
1980	2,178	8,873	1,109	(405,264)	(137,073)	(19,052)
TOTALS	1,651,885	182,037	13,271	83,515	24,252	4,947

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR			
1954	13,095,079	31,641,393	3,686,372
1955	6,551,639	6,782,107	752,529
1956	14,198,827	16,374,570	1,801,198
1957	13,316,080	13,771,321	1,476,613
1958	13,923,294	13,933,143	1,594,777
1959	14,339,207	11,717,586	1,406,111
1960	10,920,812	10,487,921	1,292,594
1961	8,944,277	10,058,715	1,239,715
1962	9,650,328	10,171,050	1,253,682
1963	9,495,669	10,942,317	1,341,294
1964	11,224,621	11,445,169	1,403,430
1965	12,857,072	12,205,802	1,494,371
1966	14,172,322	13,729,194	1,481,621
1967	16,165,119	14,826,943	1,490,658
1968	15,837,628	19,429,364	1,932,430
1969	13,940,898	14,635,955	1,366,391
1970	17,077,452	17,827,393	1,740,195
1971	24,301,051	18,668,097	1,889,989
1972	26,267,958	20,460,780	2,039,364
1973	30,832,960	19,674,992	1,960,381
1974	23,930,977	18,548,432	1,835,171
1975	20,184,364	19,331,531	1,920,550
1976	23,044,721	17,547,972	1,749,185
1977	22,752,039	22,043,746	2,200,619
1978	23,986,166	21,146,802	2,131,606
1979	12,567,399	17,080,181	1,733,762
1980	6,056,423	18,671,386	1,873,815
	7,553,989	25,637,595	2,644,187
TOTALS	437,498,571	458,794,475	48,733,790

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

LOUISIANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,179,430	3,212,449	421,192	25,674,196	2,681,795	627,290
1954	584,501	1,699,274	222,979	23,479,473	2,603,216	600,139
1955	681,836	1,985,608	261,558	27,460,046	3,036,340	681,887
1956	757,988	2,243,667	295,595	37,096,304	4,301,502	781,035
1957	1,065,700	3,477,554	458,895	37,561,682	4,409,741	619,956
1958	974,297	2,964,976	415,097	33,061,465	3,918,287	548,560
1959	1,008,140	3,074,202	422,088	38,851,903	4,975,905	698,617
1960	1,055,162	3,230,081	443,600	35,100,861	4,550,932	713,131
1961	1,064,214	3,264,628	518,424	37,056,635	4,770,231	682,620
1962	1,938,472	5,811,440	1,208,198	82,592,752	12,259,468	2,489,898
1963	2,010,143	5,999,156	1,280,220	76,027,853	10,791,716	2,277,052
1964	1,702,094	4,989,649	1,042,499	64,105,250	9,063,707	1,883,152
1965	1,361,509	3,972,404	677,170	51,254,579	7,147,856	1,343,315
1966	1,058,520	3,096,029	514,661	43,422,266	5,996,051	1,103,943
1967	760,695	2,246,304	368,550	29,744,123	4,133,878	746,572
1968	691,087	2,091,555	338,561	28,340,211	3,941,682	669,685
1969	573,921	1,826,472	293,553	24,478,839	3,347,209	553,802
1970	489,115	1,579,603	254,655	20,800,617	2,931,117	483,497
1971	395,726	1,370,343	220,428	18,564,284	2,711,120	441,373
1972	336,640	1,166,209	186,201	20,716,282	3,418,645	525,094
1973	277,039	1,040,889	165,718	24,476,271	4,760,522	740,149
1974	259,553	2,028,591	321,300	24,207,788	6,283,412	1,003,058
1975	227,793	1,422,487	220,433	19,389,137	4,612,535	926,055
1976	226,211	1,522,715	239,562	17,491,622	7,336,274	1,206,488
1977	197,276	1,695,527	272,539	10,463,241	4,561,343	744,814
1978	265,643	2,323,101	374,149	16,494,287	9,470,764	1,409,658
1979	234,062	3,771,949	609,833	9,924,088	5,444,680	904,724
1980	341,136	5,746,799	926,207	10,197,482	5,793,274	953,919
TOTALS	21,717,903	78,854,461	12,973,866	888,035,937	148,253,212	26,359,694

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

LOUISIANA

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	26,853,626	5,894,244	1,048,482
1954	--	--	--	24,063,974	4,302,490	823,118
1955	--	--	--	28,141,882	5,021,948	943,445
1956	--	--	--	37,854,292	6,545,169	1,076,630
1957	--	--	--	38,627,382	7,887,295	1,078,851
1958	--	--	--	34,035,762	6,883,263	963,657
1959	--	--	--	39,860,043	8,050,107	1,120,705
1960	--	--	--	36,156,023	7,781,813	1,156,731
1961	7,082,013	294,251	47,345	45,202,862	8,329,110	1,248,389
1962	66,640,104	2,769,988	529,068	151,171,320	20,840,896	4,227,164
1963	78,514,600	3,508,445	732,563	156,552,590	20,299,317	4,289,835
1964	72,772,847	3,481,766	719,788	138,580,191	17,535,122	3,645,440
1965	61,651,787	2,803,638	527,154	114,267,875	13,923,898	2,547,639
1966	52,498,063	2,777,938	505,800	96,979,549	11,870,018	2,124,404
1967	36,979,924	2,197,988	397,168	67,484,742	9,578,170	1,512,290
1968	33,271,795	1,717,610	290,912	62,303,093	7,750,847	1,299,158
1969	27,610,674	1,233,947	204,145	52,663,434	6,407,628	1,051,500
1970	24,608,693	1,399,339	229,274	45,007,425	5,900,059	967,426
1971	19,637,177	1,188,726	195,951	38,597,887	5,270,199	857,752
1972	19,421,916	1,190,437	186,265	40,474,838	5,775,291	897,560
1973	22,833,036	1,685,399	267,037	47,586,346	7,486,810	1,172,404
1974	21,699,101	2,474,469	399,581	46,166,442	10,786,472	1,723,649
1975	18,021,933	2,352,653	381,575	37,638,862	8,387,675	1,528,063
1976	16,323,638	2,266,111	368,909	34,031,471	11,125,100	1,814,060
1977	9,543,724	1,648,289	269,926	20,204,241	7,905,150	1,287,279
1978	15,662,495	2,431,557	397,857	32,422,425	13,225,422	2,181,854
1979	8,296,527	1,698,142	275,794	18,456,577	10,914,771	1,790,351
1980	8,912,603	5,371,059	878,762	19,451,221	16,911,132	2,758,888
TOTALS	621,982,650	44,481,752	7,804,874	1,531,737,490	271,589,425	47,138,434

OIL AND GAS OPERATIONS

MARYLAND

ALL LANDS
ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- GAS ----->			<----- TOTAL ALL PRODUCTS ----->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	16,207	3,416	557	16,207	3,416	557
1957	67,636	15,336	2,325	67,636	15,336	2,325
1958	139,602	36,918	4,799	139,602	36,918	4,799
1959	349,530	96,128	12,016	349,530	96,128	12,016
1960	294,502	80,988	10,123	294,502	80,988	10,123
1961	194,714	53,544	6,693	194,714	53,544	6,693
1962	123,116	33,857	4,232	123,116	33,857	4,232
1963	73,671	20,172	2,532	73,671	20,172	2,532
1964	1,435,130	394,661	49,333	1,435,130	394,661	49,333
1965	16,439	4,520	565	16,439	4,520	565
1966	32,423	8,570	1,071	32,423	8,570	1,071
1967	228,477	60,391	7,549	228,477	60,391	7,549
1968	346,690	91,638	11,455	346,690	91,638	11,455
1969	218,785	57,830	7,237	218,785	57,830	7,237
1970	127,850	35,159	4,395	127,850	35,159	4,395
1971	26,152	6,913	864	26,152	6,913	864
1972	25,099	6,634	829	25,099	6,634	829
1973	43,077	11,386	1,423	43,077	11,386	1,423
1974	13,336	3,525	441	13,336	3,525	441
1975	7,668	2,055	257	7,668	2,055	257
1976	5,187	1,404	175	5,187	1,404	175
1977	5,564	1,783	223	5,564	1,783	223
1978	6,052	2,057	257	6,052	2,057	257
1979	3,339	4,759	595	3,339	4,759	595
1980	4,482	9,905	1,238	4,482	9,905	1,238
TOTALS	3,804,728	1,043,549	131,184	3,804,728	1,043,549	131,184

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	178,195	451,541	63,853	--	--	4,034
1954	15,901	43,785	5,689	--	--	534
1955	12,601	36,161	3,847	--	--	534
1956	11,848	36,559	4,120	--	--	534
1957	8,731	28,021	3,265	--	--	534
1958	8,150	24,693	2,979	11,453	3,097	906
1959	5,965	16,999	2,113	40,590	10,557	1,256
1960	5,368	15,179	1,854	59,412	15,453	1,503
1961	4,494	12,768	1,571	71,422	18,599	2,273
1962	3,900	10,764	1,346	84,462	21,960	3,279
1963	8,563	23,838	3,224	100,930	26,242	4,053
1964	9,555	26,537	3,570	84,092	21,864	3,483
1965	17,409	48,535	6,684	72,985	18,859	8,027
1966	28,934	83,664	11,052	56,048	14,287	2,678
1967	15,488	44,965	6,230	40,346	10,284	2,107
1968	30,508	90,666	11,850	27,774	7,080	1,649
1969	49,070	151,057	19,570	26,005	6,629	1,590
1970	54,112	160,677	20,818	22,754	7,774	1,734
1971	45,164	142,120	18,938	29,627	7,552	663
1972	31,891	100,965	13,838	31,629	9,815	1,256
1973	35,290	136,564	19,032	34,335	9,827	1,251
1974	69,608	635,710	84,262	462,210	248,410	31,124
1975	122,445	827,866	109,951	596,137	406,237	50,854
1976	63,830	716,726	96,015	531,894	375,371	46,991
1977	73,806	837,237	110,599	510,351	549,027	106,818
1978	68,705	826,211	110,125	462,890	529,620	65,265
1979	88,299	1,264,120	166,648	680,553	995,234	124,487
1980	99,796	2,446,055	301,947	594,958	946,864	113,629
TOTALS	1,167,626	9,239,983	1,204,990	4,633,857	4,260,642	583,746

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (%)
PRIOR	--	--	--	178,195	451,541	67,887
1954	2,197	91	13	18,098	43,876	6,236
1955	--	--	--	12,601	36,161	4,381
1956	1,569	80	9	13,417	36,639	4,663
1957	1,340	86	8	10,071	28,107	3,807
1958	--	--	--	19,603	27,790	3,885
1959	--	--	--	46,555	27,556	3,369
1960	--	--	--	64,780	30,632	3,257
1961	--	--	--	75,916	31,367	3,844
1962	--	--	--	88,362	32,724	4,625
1963	--	--	--	100,493	50,080	7,277
1964	--	--	--	93,647	48,401	7,053
1965	--	--	--	90,394	67,394	14,711
1966	--	--	--	84,982	97,951	13,730
1967	--	--	--	55,834	55,249	8,337
1968	--	--	--	58,282	97,746	13,499
1969	--	--	--	75,075	157,686	21,160
1970	--	--	--	76,866	189,451	22,552
1971	--	--	--	74,781	149,672	19,501
1972	--	--	--	63,520	110,780	15,094
1973	--	--	--	69,625	146,391	20,293
1974	--	--	--	531,810	834,120	115,386
1975	--	--	--	718,582	1,234,103	160,805
1976	--	--	--	595,724	1,092,097	143,006
1977	--	--	--	584,157	1,386,264	217,417
1978	--	--	--	532,595	1,355,831	176,390
1979	--	--	--	788,852	2,259,354	291,135
1980	--	--	--	694,754	3,392,919	414,076
TOTALS	5,106	257	30	5,806,589	13,500,882	1,783,766

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	34,989	62,924	9,585	--	--	2,833
1954	--	--	--	--	--	534
1955	--	--	--	--	--	534
1956	--	--	--	--	--	534
1957	--	--	--	--	--	534
1958	--	--	--	--	--	534
1959	--	--	--	--	--	534
1960	--	--	--	--	--	534
1961	--	--	--	--	--	534
1962	--	--	--	--	--	534
1963	--	--	--	--	--	534
1964	--	--	--	--	--	534
1965	--	--	--	--	--	5,491
1966	--	--	--	--	--	734
1967	--	--	--	--	--	734
1968	--	--	--	--	--	734
1969	--	--	--	--	--	734
1970	--	--	--	--	--	734
1971-80	--	--	--	--	--	--
TOTALS	34,989	62,924	9,585	0	0	17,866

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS (1000)	PRODUCTION VALUE (\$1000)	ROYALTY VALUE (\$1000)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR				34,989	62,924	12,418
1954				0	0	534
1955				0	0	534
1956				0	0	534
1957				0	0	534
1958				0	0	534
1959				0	0	534
1960				0	0	534
1961				0	0	534
1962				0	0	534
1963				0	0	534
1964				0	0	534
1965				0	0	5,491
1966				0	0	734
1967				0	0	734
1968				0	0	734
1969				0	0	734
1970				0	0	734
1971-80				--	--	--
TOTALS				34,989	62,924	27,453

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	129,175	349,390	45,983	--	--	1,201
1954	14,391	39,282	5,126	--	--	--
1955	11,227	32,134	3,828	--	--	--
1956	10,515	32,654	3,632	--	--	--
1957	7,712	24,780	2,860	--	--	--
1958	7,073	21,517	2,582	11,453	3,097	372
1959	5,199	14,739	1,829	40,590	10,557	722
1960	4,421	12,384	1,505	59,412	15,453	969
1961	3,776	10,650	1,306	71,422	18,599	1,730
1962	3,255	8,917	1,115	84,462	21,960	2,745
1963	7,919	22,036	2,999	100,930	26,242	3,519
1964	8,921	24,762	3,349	84,092	21,864	2,649
1965	16,875	47,040	6,497	72,985	18,850	2,536
1966	28,326	81,900	10,831	56,048	14,287	1,544
1967	14,940	43,369	6,000	40,346	10,284	1,373
1968	30,005	89,169	11,663	27,774	7,080	915
1969	48,561	149,496	19,375	26,005	6,629	856
1970	53,562	158,933	20,600	22,754	7,774	1,000
1971	44,857	141,090	18,810	29,627	7,552	963
1972	31,524	99,735	13,684	31,629	9,815	1,256
1973	35,216	136,350	19,005	34,335	9,827	1,251
1974	69,608	635,710	84,262	462,210	249,410	31,124
1975	122,299	825,904	109,706	596,137	406,227	50,854
1976	63,596	714,007	95,675	531,894	375,371	46,991
1977	73,717	835,988	110,443	510,351	549,027	106,818
1978	68,587	824,526	109,914	463,890	529,620	66,265
1979	88,049	1,259,093	166,020	680,553	995,234	124,487
1980	99,714	2,443,015	301,700	594,958	946,864	113,029
TOTALS	1,103,020	9,078,570	1,180,299	4,633,857	4,260,642	565,878

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

CALENDAR YEAR	<--- GASOLINE AND LPC --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	129,175	349,390	47,184
1954	2,197	91	13	16,588	39,373	5,139
1955	--	--	--	11,227	32,134	3,828
1956	1,569	80	9	12,084	32,734	3,641
1957	1,340	86	8	9,052	24,866	2,868
1958	--	--	--	18,526	24,614	2,954
1959	--	--	--	45,709	25,296	2,551
1960	--	--	--	63,833	27,837	2,474
1961	--	--	--	75,198	29,249	3,045
1962	--	--	--	87,717	30,877	3,860
1963	--	--	--	108,849	48,278	6,518
1964	--	--	--	93,013	46,626	6,298
1965	--	--	--	89,860	65,899	9,033
1966	--	--	--	84,374	96,187	12,775
1967	--	--	--	55,286	53,653	7,373
1968	--	--	--	57,779	96,249	12,578
1969	--	--	--	74,566	156,125	20,231
1970	--	--	--	76,316	166,707	21,600
1971	--	--	--	74,484	148,642	19,773
1972	--	--	--	63,153	109,550	14,940
1973	--	--	--	69,551	146,177	20,256
1974	--	--	--	531,818	834,120	115,386
1975	--	--	--	718,436	1,232,141	160,560
1976	--	--	--	595,490	1,089,378	142,666
1977	--	--	--	584,068	1,385,015	217,261
1978	--	--	--	532,477	1,354,146	176,179
1979	--	--	--	768,602	2,254,327	290,507
1980	--	--	--	694,672	3,339,879	414,729
TOTALS	5,106	257	30	5,741,983	13,339,469	1,746,207

OIL AND GAS OPERATIONS

INDIAN LANDS

MICHIGAN

CALENDAR YEAR	OIL			TOTAL ALL PRODUCTS		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	14,031	39,227	8,285	14,031	39,227	8,285
1954	1,510	4,503	563	1,510	4,503	563
1955	1,374	4,027	19	1,374	4,027	19
1956	1,333	3,905	488	1,333	3,905	488
1957	1,019	3,241	405	1,019	3,241	405
1958	1,077	3,176	397	1,077	3,176	397
1959	766	2,260	284	766	2,260	284
1960	947	2,795	349	947	2,795	349
1961	718	2,118	265	718	2,118	265
1962	645	1,847	231	645	1,847	231
1963	644	1,802	225	644	1,802	225
1964	634	1,775	221	634	1,775	221
1965	534	1,495	187	534	1,495	187
1966	608	1,764	271	608	1,764	271
1967	548	1,596	230	548	1,596	230
1968	503	1,497	187	503	1,497	187
1969	509	1,561	195	509	1,561	195
1970	550	1,744	218	550	1,744	218
1971	307	1,030	128	307	1,030	128
1972	367	1,230	154	367	1,230	154
1973	74	214	27	74	214	27
1974	--	--	--	--	--	--
1975	146	1,962	245	146	1,962	245
1976	234	2,719	340	234	2,719	340
1977	89	1,249	156	89	1,249	156
1978	118	1,685	211	118	1,685	211
1979	250	5,027	628	250	5,027	628
1980	82	3,040	247	82	3,040	247
TOTALS	29,617	98,469	15,106	29,617	98,469	15,106

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	259,982	699,117	80,236	36,068	15,968	225
1954	220,321	600,650	74,667	--	--	--
1955	533,269	1,525,291	144,166	898,850	176,836	22,471
1956	805,702	2,499,330	200,344	2,072,278	426,541	48,051
1957	763,466	2,452,029	261,017	6,124,557	1,387,780	121,615
1958	771,607	2,489,229	273,880	6,387,526	1,312,140	121,238
1959	1,018,072	3,184,707	359,608	7,142,856	1,423,832	139,847
1960	972,076	2,860,676	328,426	6,239,985	1,283,729	120,834
1961	1,003,330	2,942,056	344,810	5,948,524	1,265,226	122,638
1962	1,086,469	3,209,918	381,980	6,135,205	1,336,032	135,249
1963	1,581,822	4,535,123	550,405	6,065,302	1,264,541	129,114
1964	2,133,682	5,969,696	734,900	2,673,313	547,466	48,537
1965	2,725,475	7,614,916	953,003	3,629,276	722,573	90,240
1966	3,499,558	9,531,483	1,204,573	4,324,751	828,709	106,203
1967	3,914,657	11,042,284	1,385,130	2,976,007	580,370	72,403
1968	4,031,274	11,713,104	1,466,295	2,225,422	494,298	61,220
1969	3,939,448	11,918,547	1,489,955	2,310,881	391,865	48,957
1970	3,694,618	11,416,279	1,427,049	1,762,850	349,964	43,742
1971	2,949,509	9,760,775	1,220,115	1,542,080	318,170	39,758
1972	2,270,784	7,502,694	936,669	1,026,777	211,955	26,479
1973	1,730,139	6,815,564	851,297	752,253	174,757	22,046
1974	1,662,968	10,909,045	1,365,809	564,742	131,839	16,472
1975	1,518,766	11,316,088	1,424,664	404,534	137,662	17,202
1976	1,385,688	11,071,557	1,387,529	242,238	83,632	10,457
1977	1,232,216	9,897,430	1,238,132	181,712	74,697	9,237
1978	1,098,011	9,939,269	1,257,944	304,351	228,662	40,544
1979	1,003,210	12,489,492	1,574,131	215,103	194,407	24,301
1980	798,396	17,952,777	2,239,068	208,768	358,025	49,088
TOTALS	48,604,515	203,859,126	25,155,802	72,393,209	15,821,695	1,698,659

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

<--- GASOLINE AND LPC --->				<----- OIL LOST ----->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1968	63	10	1	--	--	--
1969	4,316	293	37	--	--	--
1970	1,474,984	80,846	3,369	--	--	--
1971	772,262	43,979	1,832	--	--	--
1972	29,858	1,421	59	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	14	74	9
1976	--	--	--	140	1,622	203
1977-80	--	--	--	--	--	--
TOTALS	2,281,483	126,549	5,298	154	1,696	212

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	296,050	715,085	50,461
1954	--	--	--	220,321	600,650	74,667
1955	--	--	--	1,432,119	1,702,127	166,637
1956	--	--	--	2,877,980	2,925,871	248,395
1957	--	--	--	6,888,023	3,839,809	382,632
1958	--	--	--	7,154,133	3,801,369	405,118
1959	--	--	--	8,161,928	4,608,540	499,455
1960	--	--	--	7,212,061	4,144,405	449,260
1961	--	--	--	6,951,854	4,207,282	467,448
1962	--	--	--	7,221,674	4,545,950	517,229
1963	--	--	--	7,647,124	5,799,664	679,519
1964	--	--	--	4,806,995	6,517,162	783,437
1965	--	--	--	6,354,751	8,337,489	1,043,243
1966	--	--	--	7,824,309	10,360,192	1,310,776
1967	--	--	--	6,890,664	11,622,662	1,457,533
1968	--	--	--	6,256,759	12,207,412	1,527,516
1969	--	--	--	6,254,645	12,310,705	1,538,949
1970	--	--	--	6,932,452	11,847,089	1,474,160
1971	--	--	--	5,262,851	10,122,924	1,261,705
1972	--	--	--	3,327,419	7,716,070	963,207
1973	--	--	--	2,482,392	6,990,321	873,343
1974	11,233	3,370	421	2,238,943	11,044,254	1,392,703
1975	14,268	4,280	535	1,937,587	11,458,104	1,442,410
1976	20,145	9,892	1,236	1,649,211	11,166,703	1,399,425
1977	8,837	7,952	994	1,422,765	9,080,080	1,248,463
1978	3,589	3,230	404	1,405,951	10,271,161	1,299,292
1979	--	--	--	1,718,213	12,683,899	1,598,432
1980	--	--	--	1,007,164	18,310,812	2,288,156
TOTALS	58,072	28,725	3,590	123,337,433	219,837,791	26,863,571

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	12,045	28,246	2,743	--	--	--
1954	3,877	9,841	906	--	--	--
1955	3,124	7,886	734	--	--	--
1956	4,734	11,947	1,217	101,755	11,200	1,037
1957	2,504	6,959	674	8,536	972	95
1958	2,050	4,420	551	10,636	977	122
1959	2,098	4,515	564	10,384	1,001	125
1960	963	2,085	260	8,599	1,152	144
1961	40	111	14	7,572	1,325	166
1962	33	93	11	6,751	1,103	154
1963	100,028	265,021	33,128	852	165	21
1964	57,109	146,074	18,259	248	60	7
1965	45,864	121,662	15,208	--	--	--
1966	41,931	109,673	13,709	--	--	--
1967	36,482	99,896	12,487	--	--	--
1968	200,483	584,212	73,027	3,150	772	97
1969	79,965	242,748	30,344	--	--	--
1970	64,872	195,754	24,469	--	--	--
1971	42,992	138,823	17,353	--	--	--
1972	37,038	119,359	14,920	--	--	--
1973	33,126	123,708	15,464	--	--	--
1974	29,200	176,795	22,099	--	--	--
1975	25,104	144,822	18,208	--	--	--
1976	18,535	116,915	14,688	--	--	--
1977	16,344	98,651	12,166	--	--	--
1978	17,341	109,745	13,705	--	--	--
1979	35,481	354,513	44,314	--	--	--
1980	34,430	695,252	86,902	--	--	--
TOTALS	947,793	3,919,726	489,124	158,983	18,727	1,966

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY (BBL)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	12,045	26,246	2,743
1954	3,877	9,841	906
1955	3,124	7,886	734
1956	106,489	23,147	2,254
1957	11,040	7,931	769
1958	12,686	5,397	673
1959	12,982	5,516	689
1960	9,562	3,237	404
1961	7,612	1,436	180
1962	6,784	1,196	165
1963	100,080	265,186	33,149
1964	57,357	146,134	18,266
1965	45,864	121,662	15,208
1966	41,031	109,673	13,709
1967	36,482	99,896	12,487
1968	203,633	584,984	73,124
1969	79,965	242,748	30,244
1970	64,872	195,754	24,469
1971	42,992	138,823	17,353
1972	37,038	119,359	14,920
1973	33,126	123,708	15,464
1974	26,200	176,795	22,099
1975	25,104	144,822	18,208
1976	18,535	116,915	14,688
1977	16,344	98,651	12,156
1978	17,341	109,745	13,725
1979	35,481	354,513	44,314
1980	34,430	695,257	86,902
TOTALS	1,106,776	3,938,453	490,092

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	247,937	670,871	77,493	36,068	15,968	225
1954	216,444	590,809	73,761	--	--	--
1955	530,145	1,517,405	143,432	898,850	176,836	22,471
1956	800,968	2,487,383	199,127	1,970,523	415,341	47,014
1957	760,962	2,445,070	260,343	6,116,021	1,386,808	121,520
1958	769,557	2,484,809	273,329	6,371,890	1,211,163	131,716
1959	1,015,974	3,180,192	359,044	7,132,972	1,422,832	135,722
1960	971,113	2,858,591	328,166	6,231,386	1,282,577	120,690
1961	1,003,290	2,941,945	344,796	5,940,952	1,263,901	122,472
1962	1,086,436	3,209,825	381,969	6,128,454	1,234,929	135,095
1963	1,481,794	4,270,102	517,277	6,064,450	1,264,376	129,093
1964	2,076,573	5,823,622	716,641	2,673,065	547,406	48,530
1965	2,679,611	7,493,254	937,795	3,629,276	722,573	90,240
1966	3,457,627	9,421,810	1,190,864	4,324,751	828,709	106,203
1967	3,878,175	10,942,388	1,372,643	2,976,007	580,378	72,403
1968	3,830,791	11,128,892	1,393,268	2,222,272	493,526	61,123
1969	3,859,483	11,675,799	1,459,611	2,210,881	391,865	48,557
1970	3,629,746	11,220,525	1,402,580	1,762,850	349,964	43,742
1971	2,906,517	9,621,952	1,202,762	1,542,080	218,170	29,758
1972	2,233,746	7,393,335	921,749	1,026,777	211,555	26,479
1973	1,697,013	6,691,856	835,833	752,253	174,757	22,046
1974	1,633,768	10,732,250	1,343,710	564,742	131,539	16,473
1975	1,493,662	11,171,266	1,406,456	404,534	137,662	17,202
1976	1,367,153	10,954,642	1,372,841	243,238	83,632	10,457
1977	1,215,872	9,798,779	1,225,966	191,712	74,697	9,337
1978	1,080,670	9,829,524	1,244,239	304,351	328,662	40,544
1979	967,729	12,134,979	1,529,817	215,103	194,407	24,301
1980	801,933	17,335,551	2,165,171	153,280	247,965	30,743
TOTALS	47,694,689	200,017,426	24,680,683	72,179,730	15,692,898	1,678,356

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	63	10	1			
1969	4,316	293	37			
1970	1,474,984	90,846	3,369			
1971	772,262	43,979	1,832			
1972	29,858	1,421	59			
1973-74	--	--	--			
1975	--	--	--	14	74	9
1976	--	--	--	140	1,622	203
1977-80	--	--	--			
TOTALS	2,281,483	126,549	5,298	154	1,696	212

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	284,005	686,839	77,718
1954	--	--	--	216,444	590,809	73,761
1955	--	--	--	1,428,985	1,694,241	165,903
1956	--	--	--	2,771,491	2,902,724	246,141
1957	--	--	--	6,876,983	3,831,878	381,863
1958	--	--	--	7,141,447	3,795,972	404,445
1959	--	--	--	8,148,946	4,603,024	498,766
1960	--	--	--	7,202,499	4,141,168	448,856
1961	--	--	--	6,944,242	4,205,846	467,268
1962	--	--	--	7,214,890	4,544,754	517,064
1963	--	--	--	7,546,244	5,534,478	646,370
1964	--	--	--	4,749,638	6,371,028	765,171
1965	--	--	--	6,308,387	8,215,827	1,028,035
1966	--	--	--	7,782,379	10,250,519	1,297,067
1967	--	--	--	6,854,182	11,522,766	1,445,046
1968	--	--	--	6,053,126	11,622,428	1,454,392
1969	--	--	--	6,174,680	12,067,957	1,508,605
1970	--	--	--	6,867,580	11,651,335	1,449,691
1971	--	--	--	5,220,859	9,984,101	1,244,252
1972	--	--	--	3,290,381	7,596,711	948,287
1973	--	--	--	2,449,266	6,866,613	857,879
1974	11,233	3,370	421	2,209,743	10,867,459	1,360,604
1975	14,268	4,280	535	1,912,478	11,313,282	1,424,202
1976	20,145	9,892	1,236	1,630,676	11,049,788	1,384,737
1977	8,837	7,953	994	1,406,421	9,881,429	1,226,297
1978	3,589	3,230	404	1,388,610	10,161,416	1,285,587
1979	--	--	--	1,182,832	12,329,386	1,554,118
1980	--	--	--	955,213	17,583,516	2,195,914
TOTALS	58,072	28,725	3,590	122,213,136	215,867,294	26,368,139

MILITARY & MISCELLANEOUS LANDS

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OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MISSISSIPPI

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1980	17,521	32,044	5,340
TOTALS	17,521	32,044	5,340
1981			
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2099			
2100			

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	56,075,470	95,261,210	11,954,553	89,054,873	6,483,015	538,305
1954	5,057,446	12,027,047	1,466,271	4,829,772	502,915	32,439
1955	5,291,660	13,058,516	1,610,502	5,083,944	528,296	33,693
1956	8,052,302	20,724,337	2,678,076	3,430,407	350,131	23,831
1957	10,143,418	28,600,662	3,753,753	4,059,261	428,207	30,069
1958	10,245,304	27,422,508	3,813,752	4,945,317	326,686	37,552
1959	10,599,256	27,577,078	3,926,521	5,241,925	341,454	39,116
1960	11,003,108	27,765,374	3,865,648	6,231,141	393,840	46,342
1961	11,315,994	28,092,552	3,954,415	5,314,038	230,852	26,452
1962	11,050,685	27,397,590	3,955,985	4,232,583	256,108	29,291
1963	11,238,816	28,110,770	4,033,000	3,290,060	245,735	25,487
1964	11,233,575	28,110,051	3,980,435	2,900,385	174,687	23,441
1965	12,093,479	31,052,801	4,188,977	3,222,681	202,639	26,391
1966	13,164,784	32,999,099	4,488,014	4,037,480	201,687	(5,094)
1967	13,235,757	34,570,356	4,231,721	5,091,920	362,680	61,440
1968	16,356,763	42,859,565	5,604,690	5,541,389	379,068	37,722
1969	14,121,613	39,432,578	5,083,861	7,552,277	732,962	77,729
1970	12,519,536	35,798,494	4,455,962	7,097,882	697,754	79,084
1971	11,876,000	38,454,812	4,825,757	7,712,028	645,818	75,268
1972	10,761,413	33,880,344	4,641,607	6,760,292	592,007	68,656
1973	9,947,458	37,909,463	4,758,499	10,741,347	1,051,221	129,063
1974	10,763,684	66,067,837	8,350,802	11,308,248	1,366,277	194,202
1975	9,103,811	62,017,644	7,791,746	10,189,725	2,622,709	303,382
1976	8,898,798	70,309,776	9,056,523	10,206,193	4,186,026	359,799
1977	8,365,170	68,069,509	8,598,411	12,890,188	8,936,214	1,064,205
1978	8,071,040	69,895,151	8,760,891	13,041,618	8,728,227	1,109,084
1979	7,456,075	82,025,699	10,445,747	15,964,020	17,699,502	2,225,152
1980	7,185,590	136,125,748	18,109,575	14,709,053	19,592,127	2,473,808
TOTALS	335,228,005	1,245,616,571	162,385,774	294,676,093	79,448,946	9,168,749

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- SULFUR ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,798,208	280,179	13,671	--	--	--
1954	4,843,665	334,916	14,222	3,303	15,950	1,524
1955	479,490	38,463	1,780	--	--	--
1956	510,762	38,854	1,790	--	--	--
1957	619,575	48,713	2,281	--	--	--
1958	13,436,715	946,763	37,981	19,422	317,575	14,799
1959	5,322,463	370,982	15,434	2,449	67,371	2,735
1960	5,066,984	366,415	14,332	8,986	164,406	5,652
1961	5,350,690	396,804	15,379	4,786	83,018	3,296
1962	4,743,566	256,050	10,242	4,298	65,795	2,711
1963	5,385,381	305,038	11,712	5,377	73,975	3,055
1964	5,048,612	282,541	11,690	4,125	42,445	1,639
1965	5,569,343	311,773	12,824	(4,263)	(50,187)	(4,881)
1966	32,997,294	1,893,893	61,062	10,046	126,345	5,093
1967	14,398,387	588,950	33,516	9,676	158,778	6,425
1968	10,498,623	432,230	19,810	7,214	141,246	5,655
1969	13,155,571	739,206	27,462	5,719	108,349	4,268
1970	13,807,990	780,100	30,555	7,299	133,166	5,450
1971	10,290,868	621,537	22,471	6,032	100,039	4,054
1972	6,638,170	391,241	16,019	3,552	38,543	1,564
1973	6,316,255	294,954	13,036	11,270	34,828	1,451
1974	5,810,780	1,592,586	27,720	5,388	52,508	2,014
1975	7,084,397	196,372	33,019	4,246	92,404	3,588
1976	6,415,558	2,014,623	34,673	5,267	107,798	4,080
1977	6,112,213	1,396,679	33,763	5,922	91,296	3,496
1978	4,182,242	733,176	27,948	5,004	75,534	2,860
1979	4,265,461	996,069	37,421	4,322	72,073	2,727
1980	4,472,132	2,299,378	86,843	51,993	118,617	4,441
TOTALS	206,621,395	18,948,485	668,667	191,433	2,231,872	88,696

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	OIL LOST			GAS LOST		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	687	106	13
1975	1,697	10,352	(142)	72,275	148,026	18,503
1976	671	5,025	572	129,522	75,861	9,483
1977	13,587	164,549	20,551	71,914	131,625	16,453
1978	5,869	74,293	6,880	107,507	211,393	26,624
1979	155	1,677	135	31,211	44,573	5,774
1980	--	--	(29,556)	(7,783)	(3,112)	(34,645)
TOTALS	21,979	255,896	1,560	405,412	609,471	41,505

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

-< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	CRUDE OIL BARRELS	CONDENSATE BARRELS	NATURAL GAS CUBIC FEET	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	148,928,551			148,928,551	102,024,404	12,506,529
1954	14,734,187			14,734,187	12,880,828	1,514,756
1955	10,555,114			10,555,114	13,625,275	1,646,175
1956	11,993,471			11,993,471	21,113,322	2,703,697
1957	14,822,254			14,822,254	29,077,582	3,766,103
1958	28,646,759			28,646,759	29,023,532	3,904,684
1959	21,167,092			21,167,092	28,356,885	3,983,806
1960	22,310,219			22,310,219	28,690,035	3,932,274
1961	21,985,500			21,985,500	28,903,226	4,011,542
1962	20,031,132			20,031,132	27,975,543	3,998,219
1963	19,919,642			19,919,642	28,735,518	4,073,735
1964	19,186,697			19,186,697	28,609,724	4,017,605
1965	20,852,240			20,852,240	31,517,026	4,223,611
1966	30,209,604			30,209,604	35,301,024	4,549,075
1967	32,734,749			32,734,749	35,680,764	4,333,322
1968	32,403,989			32,403,989	43,812,109	5,667,877
1969	34,835,180			34,835,180	41,013,095	5,193,420
1970	33,427,707			33,427,707	37,409,514	4,571,051
1971	29,884,928			29,884,928	39,822,206	4,927,550
1972	24,163,427			24,163,427	34,902,130	4,727,846
1973	27,116,330			27,116,330	39,290,473	4,902,049
1974	27,088,787			27,088,787	69,079,314	8,564,761
1975	26,456,151			26,456,151	65,087,507	8,150,096
1976	25,656,009			25,656,009	76,699,109	9,465,130
1977	27,458,994			27,458,994	78,789,872	9,736,879
1978	25,413,360			25,413,360	79,717,764	9,924,687
1979	27,421,253			27,421,253	100,629,683	12,716,796
1980	26,410,985			26,410,985	158,132,757	20,610,166
TOTALS	527,144,318			527,144,318	1,346,110,241	172,351,831

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	34,573,731	57,748,602	6,753,718	84,936,069	6,276,427	512,482
1954	2,101,736	5,335,076	655,942	4,414,450	481,771	29,796
1955	2,481,612	6,264,112	769,881	4,482,021	497,249	30,012
1956	4,516,842	11,398,635	1,526,277	2,964,069	326,237	20,844
1957	6,313,546	17,545,723	2,383,154	3,515,718	400,393	26,592
1958	6,934,094	18,040,739	2,641,164	4,562,136	317,002	35,092
1959	7,458,932	19,000,464	2,840,569	5,023,353	330,125	37,700
1960	8,119,387	20,116,907	2,898,346	5,970,356	380,059	44,619
1961	9,039,461	22,133,849	3,191,701	5,170,076	322,772	37,442
1962	8,895,481	21,926,127	3,256,030	4,240,290	256,546	29,349
1963	8,977,093	22,279,208	3,292,867	3,263,230	242,055	25,029
1964	9,198,857	22,944,285	3,318,035	2,880,473	172,218	23,509
1965	9,955,525	25,652,829	3,445,928	3,170,332	198,286	25,708
1966	10,924,482	27,396,098	3,788,776	3,820,465	264,140	(7,977)
1967	11,069,289	29,068,729	3,558,497	4,849,441	342,112	58,306
1968	14,064,586	36,029,893	4,857,654	5,321,981	360,924	34,731
1969	11,116,753	30,934,675	4,023,638	7,276,092	709,656	73,965
1970	9,042,502	25,957,026	3,267,047	6,688,282	658,486	73,593
1971	8,121,315	25,236,601	3,026,647	6,835,028	560,870	61,899
1972	7,893,022	24,491,448	3,418,763	6,223,236	486,004	52,131
1973	7,441,101	28,713,025	3,573,071	10,522,475	991,380	120,450
1974	8,780,464	55,292,046	6,773,670	10,840,551	1,269,390	169,562
1975	7,315,336	51,036,650	6,206,842	9,530,579	2,358,982	263,277
1976	7,207,604	52,951,260	6,400,442	9,337,351	3,851,553	312,391
1977	6,874,630	51,671,087	6,280,014	11,450,178	7,932,036	907,208
1978	6,726,924	54,467,531	6,554,136	10,605,599	6,085,085	725,695
1979	6,230,049	58,866,056	7,067,364	11,998,923	12,128,220	1,491,492
1980	5,839,110	94,586,838	11,879,923	11,810,486	14,001,959	1,717,555
TOTALS	247,213,464	917,885,519	117,650,496	261,704,239	62,201,937	6,943,452

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPC --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	750,316	48,142	4,003	--	--	--
1954	4,394,427	300,342	12,781	3,303	15,950	1,824
1955	70,513	4,677	372	--	--	--
1956	140,745	9,528	568	--	--	--
1957	108,484	7,364	558	--	--	--
1958	13,071,158	920,021	36,867	10,422	317,575	14,799
1959	5,150,054	359,346	14,949	3,449	67,371	2,735
1960	4,831,940	350,923	13,686	8,986	164,406	5,052
1961	5,231,829	389,225	15,063	4,786	83,018	3,296
1962	4,743,566	256,050	10,242	4,298	65,795	2,711
1963	5,385,381	305,038	11,713	5,377	73,075	3,055
1964	5,048,612	282,541	11,690	4,125	42,445	1,639
1965	5,537,095	309,692	12,477	(4,263)	(50,187)	(4,591)
1966	32,808,923	1,882,908	60,583	10,046	126,345	5,693
1967	14,178,932	575,458	32,866	8,676	158,778	6,425
1968	10,289,489	420,703	19,170	7,214	141,246	5,655
1969	12,875,633	724,030	26,620	5,719	108,349	4,368
1970	13,589,241	770,760	30,036	7,299	133,166	5,450
1971	9,321,350	569,026	19,554	6,032	100,039	4,054
1972	6,002,811	357,469	13,794	3,552	38,543	1,564
1973	5,961,921	276,073	12,076	4,198	34,119	1,332
1974	5,252,512	1,526,166	24,253	5,388	52,508	2,014
1975	6,359,486	76,017	26,799	4,246	92,404	3,588
1976	5,447,299	1,850,695	26,647	5,267	107,798	4,080
1977	4,905,963	1,171,075	21,412	5,922	91,296	3,496
1978	3,022,828	497,967	15,135	5,004	75,534	2,860
1979	3,649,554	874,329	30,770	4,322	72,073	2,727
1980	4,060,005	2,107,215	79,103	51,993	118,617	4,441
TOTALS	192,190,067	17,222,780	582,787	184,361	2,231,163	88,577

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY [MCF]	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	--	--	--	667	106	13
1975	1,709	10,524	(113)	70,959	147,342	19,418
1976	671	5,025	572	127,471	74,685	9,336
1977	13,587	164,549	20,551	71,320	130,024	16,253
1978	5,869	74,293	6,890	107,587	211,393	26,424
1979	155	1,677	135	31,211	44,573	5,574
1980	--	--	(29,556)	(7,743)	(3,113)	(34,645)
TOTALS	21,991	256,068	1,531	401,452	605,010	41,073

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

← TOTAL ALL PRODUCTS →

CALENDAR YEAR	QUANTITY (BTU)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	120,260,116	64,073,171	7,270,203
1954	10,913,916	6,133,139	700,342
1955	7,034,146	6,766,038	800,265
1956	7,621,656	11,734,400	1,547,689
1957	9,937,948	17,953,480	2,410,504
1958	24,586,810	19,595,337	2,727,522
1959	17,635,788	19,757,306	2,895,653
1960	19,930,669	21,012,285	2,963,103
1961	19,446,152	22,928,864	3,247,502
1962	17,882,635	22,504,518	3,298,332
1963	17,631,081	22,900,276	3,332,664
1964	17,132,067	23,441,489	3,354,873
1965	18,658,689	26,110,620	3,479,532
1966	47,563,916	29,669,491	3,846,475
1967	30,106,338	30,145,077	3,656,096
1968	29,693,270	27,752,766	4,917,210
1969	31,274,997	32,476,710	4,128,591
1970	29,327,324	27,519,438	3,376,126
1971	24,283,725	26,466,536	3,112,154
1972	20,122,621	25,373,464	3,487,252
1973	23,928,695	30,014,597	3,706,029
1974	24,879,602	58,140,216	6,969,512
1975	23,262,215	53,721,918	6,518,811
1976	22,125,663	58,841,016	6,753,468
1977	23,321,600	61,160,067	7,248,934
1978	20,473,210	61,411,803	7,341,130
1979	21,914,214	71,986,978	8,593,062
1980	21,753,011	110,811,516	13,615,421
TOTALS	701,715,574	1,000,402,477	125,304,854

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	130,432	353,299	32,507	--	--	--
1954	476,868	1,301,667	114,272	--	--	--
1955	392,231	1,122,662	106,758	--	--	--
1956	552,872	1,716,928	177,540	--	--	--
1957	697,734	2,241,910	246,491	--	--	--
1958	628,674	1,838,240	220,589	--	--	--
1959	601,635	1,654,053	206,758	--	--	--
1960	516,211	1,416,318	177,040	--	--	--
1961	376,386	1,030,032	128,754	--	--	--
1962	291,260	792,037	99,005	--	--	--
1963	249,726	694,894	85,612	--	--	--
1964	238,135	629,109	78,638	--	--	--
1965	223,079	597,069	84,549	--	--	--
1966	173,086	459,741	58,926	2,394	352	2
1967	142,030	380,597	56,732	12,177	1,372	44
1968	123,879	345,614	43,202	4,060	375	172
1969	110,561	327,504	40,938	2,471	121	47
1970	102,073	312,750	39,094	4,483	220	15
1971	88,610	294,457	26,697	3,232	158	27
1972	77,653	258,332	32,201	4,083	200	20
1973	73,224	271,100	33,888	21,877	3,230	25
1974	79,353	459,695	57,462	19,552	3,208	404
1975	87,613	547,416	68,427	15,870	5,164	401
1976	111,239	896,841	136,190	142,790	41,467	646
1977	75,713	478,949	59,869	55,038	88,222	5,183
1978	(144,767)	(797,782)	(99,723)	816,153	1,175,300	11,028
1979	41,101	1,110,305	138,788	2,758,260	4,361,680	140,663
1980	42,856	1,627,622	191,174	1,861,319	3,893,498	545,211
TOTALS	6,559,467	22,350,359	2,642,468	5,723,760	9,524,567	494,423

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	--	--	--	1,316	684	95
1976	--	--	--	2,051	1,176	147
1977	--	--	--	575	1,591	199
1978-79	--	--	--	--	--	--
1980	15,527	8,572	270	--	--	--
TOTALS	15,527	8,572	270	3,942	3,451	431

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	130,432	353,299	22,507
1954	476,868	1,301,667	114,272
1955	392,231	1,122,662	106,758
1956	552,872	1,716,928	177,540
1957	697,724	2,241,910	246,691
1958	628,674	1,838,240	220,589
1959	601,635	1,654,053	206,758
1960	516,211	1,416,318	177,040
1961	376,386	1,030,032	128,754
1962	291,260	792,037	99,605
1963	249,726	684,894	85,612
1964	238,135	629,109	78,638
1965	223,079	597,069	84,551
1966	175,480	459,093	58,970
1967	154,207	381,969	56,004
1968	127,939	345,989	43,249
1969	113,032	327,625	40,953
1970	106,556	312,970	39,121
1971	91,842	294,615	26,717
1972	81,736	258,532	32,316
1973	95,101	274,330	34,292
1974	98,906	462,903	57,863
1975	104,799	553,264	69,158
1976	256,080	939,484	141,520
1977	131,326	568,762	71,096
1978	671,386	227,518	40,940
1979	2,799,361	5,471,985	683,999
1980	1,919,702	5,529,692	677,867
TOTALS	12,302,696	31,886,946	3,833,480

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1976	--	--	--	7,700	4,344	543
1977	1,187	11,886	364	--	--	--
1978	(1,187)	(11,886)	(364)	--	--	--
1979-80	--	--	--	--	--	--
TOTALS	0	0	0	7,700	4,344	543

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

MONTANA				TOTAL ALL PRODUCTS		
CALENDAR YEAR	PRODUCTION VALUE (\$)	QUANTITY (BBL)	PRODUCTION VALUE (\$)	QUANTITY (BBL)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1976	---	---	---	7,700	4,244	542
1977	---	---	---	1,187	11,886	364
1978	---	---	---	(1,187)	(11,886)	(364)
1979-80	---	---	---	---	---	---
TOTALS	---	---	---	7,700	4,244	542
1979	---	---	---	---	---	---
1980	---	---	---	---	---	---
1981	---	---	---	---	---	---
1982	---	---	---	---	---	---
1983	---	---	---	---	---	---
1984	---	---	---	---	---	---
1985	---	---	---	---	---	---
1986	---	---	---	---	---	---
1987	---	---	---	---	---	---
1988	---	---	---	---	---	---
1989	---	---	---	---	---	---
1990	---	---	---	---	---	---
1991	---	---	---	---	---	---
1992	---	---	---	---	---	---
1993	---	---	---	---	---	---
1994	---	---	---	---	---	---
1995	---	---	---	---	---	---
1996	---	---	---	---	---	---
1997	---	---	---	---	---	---
1998	---	---	---	---	---	---
1999	---	---	---	---	---	---
2000	---	---	---	---	---	---
2001	---	---	---	---	---	---
2002	---	---	---	---	---	---
2003	---	---	---	---	---	---
2004	---	---	---	---	---	---
2005	---	---	---	---	---	---
2006	---	---	---	---	---	---
2007	---	---	---	---	---	---
2008	---	---	---	---	---	---
2009	---	---	---	---	---	---
2010	---	---	---	---	---	---
2011	---	---	---	---	---	---
2012	---	---	---	---	---	---
2013	---	---	---	---	---	---
2014	---	---	---	---	---	---
2015	---	---	---	---	---	---
2016	---	---	---	---	---	---
2017	---	---	---	---	---	---
2018	---	---	---	---	---	---
2019	---	---	---	---	---	---
2020	---	---	---	---	---	---
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2022	---	---	---	---	---	---
2023	---	---	---	---	---	---
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2027	---	---	---	---	---	---
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2030	---	---	---	---	---	---
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2070	---	---	---	---	---	---
2071	---	---	---	---	---	---
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2075	---	---	---	---	---	---
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2077	---	---	---	---	---	---
2078	---	---	---	---	---	---
2079	---	---	---	---	---	---
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2082	---	---	---	---	---	---
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2085	---	---	---	---	---	---
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2088	---	---	---	---	---	---
2089	---	---	---	---	---	---
2090	---	---	---	---	---	---
2091	---	---	---	---	---	---
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2094	---	---	---	---	---	---
2095	---	---	---	---	---	---
2096	---	---	---	---	---	---
2097	---	---	---	---	---	---
2098	---	---	---	---	---	---
2099	---	---	---	---	---	---
2100	---	---	---	---	---	---

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	21,371,307	37,159,309	5,168,328	4,110,804	206,588	25,023
1954	2,478,842	5,390,304	696,057	415,323	21,144	2,643
1955	2,417,817	5,671,742	733,862	601,943	31,047	3,881
1956	2,982,588	7,608,774	974,259	466,338	23,894	2,997
1957	3,132,138	8,813,029	1,124,108	543,343	27,814	3,477
1958	2,682,536	7,543,529	951,999	382,181	19,684	2,460
1959	2,538,689	6,922,561	879,194	218,572	11,329	1,416
1960	2,367,510	6,232,149	789,762	260,785	13,781	1,723
1961	1,900,147	4,928,671	633,960	143,962	8,080	1,010
1962	1,863,944	4,679,426	600,950	(7,707)	(438)	(68)
1963	2,011,997	5,146,668	654,601	26,638	3,680	458
1964	1,796,583	4,536,657	583,762	18,912	2,469	322
1965	1,914,875	4,802,903	653,500	52,349	4,353	681
1966	2,067,216	5,144,260	640,312	214,621	17,195	2,839
1967	2,024,438	5,121,030	616,492	230,310	19,196	3,102
1968	2,168,298	5,684,058	703,834	215,348	17,769	2,944
1969	2,894,299	8,170,399	1,019,285	272,914	23,185	3,749
1970	3,374,961	9,528,718	1,149,821	400,117	39,048	5,464
1971	3,666,075	12,923,754	1,772,413	373,768	84,790	13,249
1972	2,790,738	9,130,564	1,190,553	532,973	105,798	15,500
1973	2,433,133	8,925,338	1,151,540	296,995	56,618	8,209
1974	1,903,867	10,316,096	1,519,670	448,144	93,679	14,239
1975	1,700,862	10,433,578	1,516,477	643,276	258,563	39,459
1976	1,579,955	16,461,675	2,519,891	718,352	288,662	41,682
1977	1,413,640	15,907,587	2,258,164	1,384,972	915,956	145,969
1978	1,490,070	16,237,288	2,306,842	1,619,867	1,517,852	232,726
1979	1,184,925	22,049,338	3,239,595	1,106,846	1,209,692	188,479
1980	1,303,624	39,911,288	6,038,578	1,037,248	1,696,670	269,830
TOTALS	81,455,074	305,380,693	42,092,810	17,240,394	6,713,098	1,034,443

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,047,892	232,037	9,668	--	--	--
1954	449,238	34,574	1,441	--	--	--
1955	408,977	33,786	1,408	--	--	--
1956	370,017	29,326	1,222	--	--	--
1957	511,091	41,349	1,723	--	--	--
1958	365,557	26,742	1,114	--	--	--
1959	172,409	11,636	485	--	--	--
1960	235,044	15,492	646	--	--	--
1961	118,861	7,579	316	--	--	--
1962-64	--	--	--	--	--	--
1965	32,248	2,081	347	--	--	--
1966	188,371	10,985	479	--	--	--
1967	219,455	13,492	650	--	--	--
1968	209,134	11,527	640	--	--	--
1969	279,938	15,176	842	--	--	--
1970	218,749	9,340	519	--	--	--
1971	969,518	52,511	2,917	--	--	--
1972	635,359	33,772	2,225	--	--	--
1973	354,334	18,881	960	7,072	709	119
1974	558,268	56,420	3,477	--	--	--
1975	724,911	120,355	6,220	--	--	--
1976	968,259	163,928	8,026	--	--	--
1977	1,206,250	225,604	12,351	--	--	--
1978	1,159,414	235,209	12,813	--	--	--
1979	615,907	121,740	6,651	--	--	--
1980	396,600	193,591	8,470	--	--	--
TOTALS	14,415,801	1,717,123	85,610	7,072	709	119

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	21,371,307	37,159,309	5,168,328	4,110,804	206,588	25,023
1954	2,478,842	5,390,304	696,057	415,323	21,144	2,643
1955	2,417,817	5,671,742	733,863	601,943	31,047	3,891
1956	2,982,588	7,608,774	974,259	466,338	23,894	2,987
1957	3,132,138	8,813,029	1,124,108	543,343	27,614	3,477
1958	2,682,536	7,543,529	951,999	383,181	19,684	2,460
1959	2,538,689	6,922,561	879,194	218,572	11,329	1,416
1960	2,367,510	6,232,149	789,762	260,785	13,781	1,723
1961	1,900,147	4,928,671	633,960	143,962	8,080	1,010
1962	1,863,944	4,679,426	600,950	(7,707)	(438)	(68)
1963	2,011,997	5,146,668	654,601	26,639	3,680	458
1964	1,796,583	4,536,657	583,762	19,912	2,469	322
1965	1,914,875	4,802,903	650,500	53,349	4,353	581
1966	2,067,216	5,144,260	640,312	214,621	17,195	2,139
1967	2,024,438	5,121,030	616,492	230,310	19,196	2,192
1968	2,168,298	5,684,058	703,834	215,348	17,769	2,544
1969	2,894,299	6,170,399	1,019,285	272,914	23,185	3,749
1970	3,374,961	9,528,718	1,149,821	400,117	39,048	5,464
1971	3,666,075	12,923,754	1,772,413	873,768	84,790	13,249
1972	2,790,738	9,130,564	1,190,553	532,973	105,798	15,500
1973	2,433,133	8,925,338	1,151,540	296,995	56,618	8,209
1974	1,903,867	10,316,096	1,519,670	448,144	93,679	14,238
1975	1,700,862	10,433,578	1,516,477	643,276	258,563	39,459
1976	1,579,955	16,461,675	2,519,891	718,352	288,662	41,682
1977	1,413,640	15,907,587	2,258,164	1,384,972	915,956	145,969
1978	1,490,070	16,237,288	2,306,842	1,619,867	1,517,852	232,726
1979	1,184,925	22,049,338	3,239,595	1,106,846	1,209,692	188,479
1980	1,303,624	39,911,288	6,038,578	1,037,248	1,696,670	269,830
TOTALS	81,455,074	305,380,693	42,092,810	17,240,394	6,713,098	1,034,443

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,047,892	232,037	9,668	--	--	--
1954	449,238	34,574	1,441	--	--	--
1955	408,977	33,786	1,408	--	--	--
1956	370,017	29,326	1,222	--	--	--
1957	511,091	41,349	1,723	--	--	--
1958	365,557	26,742	1,114	--	--	--
1959	172,409	11,636	485	--	--	--
1960	235,044	15,492	646	--	--	--
1961	118,861	7,579	316	--	--	--
1962-64	--	--	--	--	--	--
1965	32,248	2,081	347	--	--	--
1966	188,371	10,985	479	--	--	--
1967	219,455	13,492	650	--	--	--
1968	209,134	11,527	640	--	--	--
1969	279,938	15,176	842	--	--	--
1970	218,749	9,340	519	--	--	--
1971	969,518	52,511	2,917	--	--	--
1972	635,359	33,772	2,225	--	--	--
1973	354,334	18,881	960	7,072	769	119
1974	558,268	56,420	3,477	--	--	--
1975	724,911	120,355	6,220	--	--	--
1976	968,259	163,928	8,026	--	--	--
1977	1,206,250	225,604	12,351	--	--	--
1978	1,159,414	235,209	12,813	--	--	--
1979	615,907	121,740	6,651	--	--	--
1980	396,600	193,591	8,470	--	--	--
TOTALS	14,415,801	1,717,123	85,610	7,072	769	119

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

O I L L O S T			G A S L O S T			
CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	(12)	(172)	(29)	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	19	10	1
1978-80	--	--	--	--	--	--
TOTALS	12	172	29	19	10	1

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

ANNUAL

(- TOTAL ALL PRODUCTS -)

CALENDAR YEAR	QUANTITY (CUBIC FEET)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	28,538,003	37,597,934	5,203,819
1954	3,342,463	5,446,022	700,141
1955	3,428,737	5,736,575	739,152
1956	3,818,943	7,661,994	978,468
1957	4,186,572	8,882,192	1,129,308
1958	3,431,274	7,589,955	955,573
1959	2,929,670	6,945,526	881,695
1960	2,862,339	6,261,422	792,131
1961	2,162,970	4,944,330	635,286
1962	1,856,237	4,678,988	600,882
1963	2,038,835	5,150,348	655,659
1964	1,816,495	4,539,126	584,694
1965	2,000,472	4,809,327	659,528
1966	2,470,208	5,172,440	642,630
1967	2,474,203	5,153,718	620,224
1968	2,592,780	5,713,354	707,418
1969	3,447,151	8,208,760	1,023,876
1970	3,992,827	9,577,106	1,155,804
1971	5,509,361	13,061,055	1,788,679
1972	3,950,070	9,270,134	1,208,278
1973	3,091,524	9,001,546	1,160,128
1974	2,910,279	10,476,195	1,537,286
1975	3,069,037	10,812,324	1,562,127
1976	3,766,566	16,914,265	2,569,590
1977	4,004,881	17,049,157	2,416,485
1978	4,269,351	17,990,349	2,552,391
1979	2,907,678	23,380,770	3,434,725
1980	2,737,472	41,791,549	6,316,878
TOTALS	113,118,348	313,816,471	43,212,954

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PPIDR	31,666	84,932	12,644	--	--	--
1954	1,299	3,776	575	--	--	--
1955	--	--	--	--	--	--
1956	4,973	12,550	1,599	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960	28,358	90,671	5,042	50,239	5,723	358
1961	3,735	10,757	660	55,135	6,243	300
1962	22,075	63,202	8,527	131,897	17,500	752
1963	4,243	13,185	1,672	142,415	16,250	1,720
1964	8,565	23,524	3,750	16,908	1,936	242
1965	7,127	22,276	3,231	64,518	6,722	1,032
1966	4,542	12,369	1,700	194,090	19,925	3,162
1967	20,160	44,212	2,442	224,519	22,917	3,733
1968	5,840	15,897	2,112	241,270	24,377	3,903
1969	3,596	10,278	1,366	172,215	17,681	2,774
1970	2,533	7,366	976	99,590	9,523	1,426
1971	84,314	289,460	48,110	259,022	42,998	7,065
1972	59,293	198,449	31,648	839,629	152,196	25,233
1973	52,861	218,624	29,600	915,251	183,189	30,285
1974	48,156	381,478	33,412	1,066,784	240,355	39,935
1975	104,460	1,095,780	54,519	1,289,179	668,675	111,453
1976	132,845	1,493,508	95,306	1,044,564	591,807	96,967
1977	68,299	699,431	59,979	737,379	539,543	89,924
1978	50,954	589,996	68,858	887,724	963,696	160,616
1979	79,962	1,450,455	173,682	457,582	505,121	84,187
1980	102,853	3,307,012	513,924	438,667	662,771	110,462
TOTALS	932,921	10,129,743	1,155,402	9,316,578	4,689,244	775,619

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

ARIZONA

<--- GASOLINE AND LPG --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	838,159	55,841	3,675	--	--	--
1972	2,302,198	153,312	10,846	--	--	--
1973	2,577,650	192,771	13,387	--	--	--
1974	4,383,987	535,818	47,634	--	--	--
1975	2,862,034	302,025	25,648	8,746	2,187	364
1976	1,967,319	214,506	18,222	--	--	--
1977	1,848,303	297,896	25,306	--	--	--
1978	1,406,117	366,158	24,587	--	--	--
1979	938,733	315,910	24,657	109,462	197,449	32,908
1980	849,495	361,716	13,983	12,888	19,701	3,283
TOTALS	19,993,995	2,795,953	207,845	132,096	219,337	36,555

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	31,666	84,932	12,644
1954	1,299	3,776	575
1955	--	--	--
1956	4,973	12,550	1,599
1957	--	--	--
1958	513	1,377	172
1959	(301)	(822)	(104)
1960	78,507	86,394	5,400
1961	58,870	17,000	1,050
1962	153,972	80,702	9,279
1963	146,658	29,535	3,202
1964	25,473	25,460	3,592
1965	71,645	28,999	4,263
1966	198,632	32,294	4,862
1967	244,675	67,129	6,175
1968	247,110	40,274	6,015
1969	175,811	27,959	4,140
1970	92,122	16,889	2,402
1971	1,180,495	399,299	55,850
1972	3,201,120	503,957	67,727
1973	3,545,762	594,584	73,272
1974	5,498,927	1,157,651	120,981
1975	4,283,412	2,068,667	191,984
1976	3,144,728	2,289,916	210,695
1977	2,653,981	1,536,670	175,209
1978	2,344,795	1,919,650	254,061
1979	1,585,740	2,468,935	315,434
1980	1,404,003	4,351,200	641,552
TOTALS	30,375,590	17,934,277	2,175,421

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	4,973	12,550	1,509	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960-61	--	--	--	--	--	--
1962	17,282	50,786	7,735	--	--	--
1963	3,078	10,059	1,447	--	--	--
1964	5,565	15,967	2,805	--	--	--
1965	5,155	16,794	2,587	45,827	4,583	764
1966	2,479	7,053	1,379	--	--	--
1967	2,685	7,753	857	--	--	--
1968	26	77	9	--	--	--
1969-70	--	--	--	--	--	--
1971	82,807	284,755	47,459	204,110	37,247	6,208
1972	47,254	162,419	27,070	798,517	146,813	24,469
1973	50,603	210,403	28,520	972,124	175,775	29,296
1974	44,852	359,159	30,564	1,041,584	236,261	39,377
1975	104,465	1,101,975	55,237	1,279,232	664,736	110,789
1976	132,069	1,498,799	94,658	1,042,513	581,056	96,043
1977	67,803	695,869	59,534	735,540	538,966	89,829
1978	50,637	586,025	68,362	887,724	963,696	160,616
1979	79,608	1,441,291	172,537	457,467	505,083	84,191
1980	102,616	3,299,963	513,043	438,667	662,771	110,462
TOTALS	804,169	9,752,252	1,115,470	7,502,305	4,516,987	752,833

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	838,159	55,841	3,675	--	--	--
1972	2,302,198	153,312	10,846	--	--	--
1973	2,577,650	192,771	13,387	--	--	--
1974	4,382,801	535,580	47,604	--	--	--
1975	2,883,220	302,263	25,678	8,746	2,187	264
1976	1,967,319	214,506	18,222	--	--	--
1977	1,848,303	297,896	25,306	--	--	--
1978	1,406,117	366,158	24,587	--	--	--
1979	938,733	315,910	24,657	109,462	197,449	32,908
1980	849,495	361,716	13,863	13,888	19,701	3,283
TOTALS	19,993,995	2,795,953	207,845	132,096	219,337	36,555

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	4,273	12,550	1,599
1957	---	---	---
1958	513	1,377	172
1959	(301)	(822)	(104)
1960-61	---	---	---
1962	17,282	50,786	7,735
1963	3,079	10,059	1,447
1964	5,565	15,967	2,895
1965	50,982	21,377	3,351
1966	2,479	7,053	1,379
1967	2,685	7,753	857
1968	26	77	9
1969-70	---	---	---
1971	1,125,076	377,843	57,242
1972	3,147,969	462,544	62,385
1973	3,500,377	576,949	71,203
1974	5,469,237	1,131,000	117,545
1975	4,274,663	2,071,161	192,068
1976	3,141,901	2,284,361	209,723
1977	2,651,646	1,532,731	174,668
1978	2,344,478	1,915,879	253,565
1979	1,585,270	2,459,733	314,283
1980	1,404,666	4,344,151	640,771
TOTALS	28,732,565	17,284,529	2,112,703

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	28,358	90,671	5,042	50,239	5,723	358
1961	3,735	10,757	660	55,135	6,243	390
1962	4,793	12,416	792	131,897	17,500	752
1963	1,165	3,126	225	142,415	16,350	1,720
1964	3,000	7,557	945	16,908	1,936	242
1965	1,972	5,482	644	18,691	2,140	268
1966	2,063	5,316	321	32,946	3,811	476
1967	17,475	36,459	1,585	16,264	2,092	262
1968	4,177	10,990	1,374	31,844	3,845	481
1969	2,540	7,059	882	34,342	4,164	521
1970	1,788	5,062	633	31,812	3,858	432
1971	1,215	3,707	463	19,881	2,411	301
1972	10,823	31,876	3,984	18,930	3,208	401
1973	1,675	6,031	754	28,030	5,934	742
1974	2,788	19,743	2,468	13,732	2,970	371
1975	(434)	(8,361)	(1,045)	237	(179)	(22)
1976	529	2,727	341	--	--	--
1977	496	3,562	445	--	--	--
1978	317	3,971	496	--	--	--
1979	354	9,164	1,145	--	--	--
1980	237	7,049	881	--	--	--
TOTALS	89,066	264,364	23,035	643,303	82,006	7,745

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	--	--	--	78,597	86,394	5,400
1961	--	--	--	58,870	17,000	1,050
1962	--	--	--	136,690	29,916	1,544
1963	--	--	--	143,560	19,476	1,545
1964	--	--	--	19,968	9,493	1,187
1965	--	--	--	20,663	7,622	912
1966	--	--	--	35,009	9,127	797
1967	--	--	--	33,739	38,551	1,847
1968	--	--	--	36,021	14,835	1,855
1969	--	--	--	36,882	11,223	1,403
1970	--	--	--	33,600	8,920	1,115
1971	--	--	--	21,096	6,110	764
1972	--	--	--	29,753	35,084	4,385
1973	--	--	--	29,705	11,965	1,496
1974	1,186	238	30	17,706	22,951	2,869
1975	(1,186)	(238)	(30)	(1,383)	(8,778)	(1,097)
1976	--	--	--	529	2,727	341
1977	--	--	--	496	3,562	445
1978	--	--	--	317	3,971	496
1979	--	--	--	354	9,164	1,145
1980	--	--	--	237	7,049	881
TOTALS	0	0	0	732,369	346,370	30,780

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

NEBRASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	31,666	84,932	12,644	--	--	--
1954	1,299	3,776	575	--	--	--
1955-65	--	--	--	--	--	--
1966	--	--	--	161,144	16,114	2,686
1967	--	--	--	208,255	20,825	3,471
1968	1,637	4,830	729	209,426	20,532	3,422
1969	1,056	3,219	484	137,873	13,517	2,253
1970	745	2,304	343	57,778	5,665	944
1971	292	998	188	34,031	3,340	556
1972	1,216	4,154	594	22,182	2,175	363
1973	583	2,190	326	15,097	1,480	247
1974	516	2,576	380	11,468	1,124	187
1975	429	2,166	327	9,710	4,118	686
1976	247	1,982	307	2,051	746	124
1977	--	--	--	1,839	577	96
1978	--	--	--	--	--	--
1979	--	--	--	116	38	6
1980	--	--	--	--	--	--
TOTALS	39,686	113,127	16,897	870,970	90,251	15,041

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

NEBRASKA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	31,666	84,932	12,644
1954	1,299	3,776	575
1955-65	--	--	--
1966	161,144	16,114	2,686
1967	208,255	20,825	3,471
1968	211,063	25,362	4,151
1969	138,929	16,736	2,737
1970	58,523	7,969	1,287
1971	34,323	4,338	744
1972	23,398	6,329	957
1973	15,680	3,670	573
1974	11,984	3,700	567
1975	10,139	6,284	1,013
1976	2,298	2,728	431
1977	1,839	577	96
1978	--	--	--
1979	116	28	6
1980	--	--	--
TOTALS	910,656	203,378	31,938

OIL AND GAS OPERATIONS

ALL LANDS
PUBLIC LANDS ONLY

NEVADA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	31,180	79,148	4,484	31,180	79,148	4,484
1955	60,684	153,179	8,776	60,684	153,179	8,776
1956	60,257	152,064	13,015	60,257	152,064	13,015
1957	38,431	106,802	8,315	38,431	106,802	8,315
1958	35,413	61,265	7,658	35,413	61,265	7,658
1959	30,075	52,026	6,503	30,075	52,026	6,503
1960	24,369	42,142	5,247	24,369	42,142	5,247
1961	150,222	262,920	32,865	150,222	262,920	32,865
1962	136,801	241,311	30,164	136,801	241,311	30,164
1963	96,478	142,215	17,592	96,478	142,215	17,592
1964	237,123	328,413	41,052	237,123	328,413	41,052
1965	205,039	278,422	34,803	205,039	278,422	34,803
1966	286,146	361,706	45,220	286,146	361,706	45,220
1967	274,241	371,755	46,469	274,241	371,755	46,469
1968	269,392	429,500	53,688	269,392	429,500	53,688
1969	238,647	382,317	47,790	238,647	382,317	47,790
1970	149,092	257,423	32,178	149,092	257,423	32,178
1971	107,301	209,328	26,166	107,301	209,328	26,166
1972	98,936	193,403	24,175	98,936	193,403	24,175
1973	91,885	198,922	24,865	91,885	198,922	24,865
1974	131,600	735,568	91,946	131,600	735,568	91,946
1975	111,243	740,360	92,545	111,243	740,360	92,545
1976	138,795	959,605	119,951	138,795	959,605	119,951
1977	647,382	6,340,701	792,588	647,382	6,340,701	792,588
1978	1,157,846	10,882,594	1,360,324	1,157,846	10,882,594	1,360,324
1979	1,233,681	13,815,501	1,726,938	1,233,681	13,815,501	1,726,938
1980	863,716	13,726,240	1,715,781	863,716	13,726,240	1,715,781
TOTALS	6,905,975	51,504,830	6,411,098	6,905,975	51,504,830	6,411,098

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	205,319,079	327,663,179	31,574,531	839,918,789	65,250,426	5,396,251
1954	14,149,268	35,976,838	4,225,966	187,293,781	20,231,621	2,274,828
1955	16,163,186	40,920,698	4,882,735	195,443,989	21,583,194	2,468,877
1956	18,288,638	46,215,775	5,614,037	237,620,976	26,136,131	2,993,088
1957	20,222,269	56,166,199	6,935,706	329,709,115	37,557,774	4,404,247
1958	25,153,245	72,932,447	8,646,899	338,243,200	36,934,430	4,607,288
1959	30,440,727	83,921,960	10,111,526	337,754,255	39,958,340	4,964,858
1960	37,472,564	102,675,226	12,558,193	381,432,992	46,898,615	5,877,922
1961	42,023,256	116,392,845	14,243,912	381,485,988	48,097,719	5,984,783
1962	39,787,751	110,632,462	13,616,729	369,237,815	47,265,353	5,859,076
1963	39,485,962	109,863,937	13,705,086	397,611,299	51,707,511	6,412,783
1964	39,679,780	109,363,661	13,629,715	459,390,742	61,341,820	7,662,054
1965	43,743,826	120,663,733	15,256,400	507,883,537	68,887,296	8,541,525
1966	43,686,426	119,911,978	15,164,904	577,240,029	87,180,091	9,892,612
1967	43,950,162	123,548,606	15,641,407	656,322,158	79,106,457	9,910,521
1968	40,280,086	114,055,269	14,393,876	692,417,350	97,493,925	12,180,464
1969	41,355,372	123,587,011	15,548,425	626,699,877	91,084,582	11,436,496
1970	44,285,973	136,680,537	17,300,767	632,214,615	95,246,941	11,925,165
1971	41,502,252	135,114,178	16,947,679	655,799,302	100,508,162	12,587,182
1972	37,120,857	123,314,463	15,234,654	634,750,431	119,970,683	14,978,653
1973	31,833,367	125,378,793	15,461,069	639,081,973	148,906,344	19,624,731
1974	35,821,625	246,913,004	31,328,386	748,217,073	205,039,480	25,977,826
1975	29,468,228	245,097,118	31,504,044	663,212,461	230,238,372	28,927,837
1976	31,951,133	276,312,197	35,198,330	745,368,018	375,398,965	47,157,600
1977	29,788,163	264,240,583	33,773,749	696,395,286	562,163,461	71,128,105
1978	26,881,062	291,077,429	37,270,144	686,326,538	703,812,455	88,766,876
1979	27,939,541	407,091,669	51,222,160	664,584,198	968,515,273	121,596,759
1980	23,692,997	591,528,289	73,712,858	640,867,634	1,180,999,797	148,547,160
TOTALS	1,101,506,795	4,657,240,104	574,703,887	14,922,524,421	5,617,515,235	701,076,367

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	466,988,131	27,690,936	1,027,988	306	7,346	459
1954	67,733,406	4,629,189	98,485	323	7,766	485
1955	74,980,987	4,973,278	103,056	--	--	--
1956	80,383,984	5,441,921	136,803	--	--	--
1957	89,086,138	6,047,031	171,695	--	--	--
1958	90,210,908	4,747,410	196,574	--	--	--
1959	101,646,173	5,087,917	213,184	--	--	--
1960	159,606,225	7,250,141	308,558	--	--	--
1961	197,941,422	8,122,191	343,177	696	9,291	387
1962	225,351,922	8,490,060	372,040	2,542	30,488	1,308
1963	215,803,797	8,598,655	367,595	1,623	20,117	855
1964	229,179,429	8,994,785	388,875	1,953	21,854	933
1965	213,580,565	8,899,077	382,809	1,760	21,431	921
1966	227,578,100	10,633,773	456,578	2,333	46,642	2,001
1967	338,898,458	11,081,411	482,307	6,041	105,725	7,705
1968	171,627,051	11,500,592	532,490	11,130	198,304	16,412
1969	245,253,659	9,034,179	386,799	6,545	82,241	6,708
1970	250,555,802	12,489,405	535,335	10,245	58,501	4,384
1971	261,361,883	13,286,942	570,161	11,988	54,083	4,008
1972	231,419,831	12,125,660	523,199	74,810	45,053	3,452
1973	253,033,466	16,210,024	692,790	(50,720)	43,070	2,800
1974	237,657,724	24,824,620	1,073,126	10,069	100,306	6,302
1975	181,196,412	20,051,578	946,305	5,786	120,040	7,055
1976	174,821,284	26,378,074	1,237,682	6,420	133,214	15,577
1977	8,717,384	29,189,404	1,416,102	6,862	229,597	8,832
1978	201,453,714	33,757,101	1,553,883	(848,128)	530,093	25,688
1979	107,175,687	22,956,893	1,018,902	287,674	106,725	1,688
1980	107,217,938	49,169,555	2,314,004	245,250	206,663	9,847
TOTALS	5,210,461,480	412,451,902	17,850,572	203,683	2,178,550	127,807

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	OIL LOST			GAS LOST		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	1,252	8,824	1,067	103,371	41,054	5,296
1976	192	2,010	241	140,088	64,450	16,571
1977	779	8,526	972	189,778	135,385	17,445
1978	350	4,221	511	239,045	220,145	65,942
1979	41	1,023	128	(58,712)	16,929	16,875
1980	(1,297)	(5,624)	(647)	(67,786)	(27,619)	(4,340)
TOTALS	1,317	18,980	2,272	545,784	450,353	117,789

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,512,226,305	420,611,897	37,999,229
1954	269,176,778	60,845,414	6,599,764
1955	286,608,162	67,477,170	7,454,668
1956	336,293,598	77,793,827	8,744,008
1957	439,017,522	99,771,004	11,511,748
1958	453,607,353	114,614,287	13,450,761
1959	469,841,155	128,968,217	15,289,568
1960	578,511,781	156,823,982	18,744,673
1961	621,451,362	172,622,046	20,572,250
1962	634,380,030	166,408,363	19,849,153
1963	652,902,681	170,190,220	20,486,319
1964	728,251,904	179,722,120	21,682,477
1965	765,209,688	198,471,537	24,181,655
1966	848,506,888	217,772,484	25,505,495
1967	1,039,177,819	214,642,199	26,041,940
1968	904,335,626	223,248,110	27,123,242
1969	913,315,453	223,788,013	27,378,428
1970	927,066,635	244,475,391	29,765,651
1971	950,675,425	248,962,365	30,109,030
1972	903,365,929	255,455,859	30,740,258
1973	923,898,086	290,538,231	34,781,380
1974	1,021,707,291	476,877,410	58,385,640
1975	873,987,510	495,556,986	61,391,704
1976	952,287,135	678,288,919	83,626,001
1977	735,098,252	855,966,956	106,345,205
1978	914,052,581	1,029,401,444	127,683,044
1979	799,928,429	1,398,688,512	173,856,012
1980	771,954,736	1,821,871,061	224,578,182
TOTALS	21,234,836,114	10,689,855,024	1,293,878,694

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	202,070,530	321,763,319	30,837,047	768,343,550	60,608,663	4,816,027
1954	14,001,964	35,542,781	4,171,709	174,065,447	18,996,633	2,120,454
1955	16,009,707	40,411,878	4,819,132	102,421,011	20,238,334	2,300,078
1956	17,913,238	45,205,579	5,487,866	222,059,860	24,440,796	2,780,988
1957	19,449,258	54,050,655	6,671,263	302,169,043	34,411,010	4,010,924
1958	22,565,808	65,824,964	7,747,598	295,978,716	32,039,696	3,995,350
1959	24,516,594	68,271,382	8,144,776	294,899,708	34,574,245	4,290,664
1960	30,457,213	84,329,585	10,262,911	337,672,102	41,312,812	5,176,495
1961	35,566,025	99,157,145	12,087,256	338,956,054	42,677,581	5,304,823
1962	35,319,230	98,900,683	12,145,004	333,031,053	42,621,586	5,276,552
1963	35,385,785	99,331,722	12,366,799	359,286,735	46,645,840	5,779,420
1964	35,368,972	98,317,464	12,206,909	412,337,650	54,861,971	6,355,082
1965	37,855,990	105,292,556	13,225,617	452,819,411	61,607,504	7,620,047
1966	38,041,127	105,021,142	13,167,663	517,396,902	79,176,029	8,869,699
1967	38,592,577	109,235,320	13,716,618	593,740,570	70,823,288	8,859,799
1968	35,727,249	101,615,673	12,697,491	628,327,223	80,491,849	11,039,268
1969	38,009,369	114,093,326	14,257,104	564,523,483	82,574,116	10,359,855
1970	40,991,577	127,255,865	16,016,225	561,423,094	84,853,408	10,609,368
1971	37,933,298	124,547,589	15,447,585	590,436,333	90,919,574	11,372,262
1972	34,329,962	114,472,896	14,003,388	565,840,632	107,783,088	13,438,051
1973	29,098,111	114,363,197	13,842,202	580,451,597	135,255,803	16,885,103
1974	32,179,319	221,037,407	27,458,705	685,918,135	186,393,563	23,585,480
1975	26,610,101	218,077,883	27,402,407	607,709,974	210,119,495	26,271,836
1976	29,843,670	256,047,812	32,283,219	683,307,246	339,317,495	42,466,067
1977	27,761,717	243,500,147	30,842,847	638,466,460	500,146,316	62,564,596
1978	24,835,974	267,265,260	33,820,660	631,957,264	635,478,742	79,483,390
1979	25,673,891	366,975,026	45,660,643	608,759,658	869,701,039	108,697,160
1980	21,663,030	530,175,721	65,316,775	593,563,026	1,062,762,116	132,770,557
TOTALS	1,007,771,286	4,230,083,977	516,107,419	13,515,861,927	5,058,832,592	627,610,195

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	453,244,977	27,111,313	955,527	--	--	--
1954	67,681,901	4,625,792	98,061	--	--	--
1955	74,980,987	4,973,278	103,056	--	--	--
1956	80,383,984	5,441,921	136,883	--	--	--
1957	89,086,138	6,047,031	171,695	--	--	--
1958	90,210,908	4,747,410	196,574	--	--	--
1959	101,646,173	5,087,917	213,184	--	--	--
1960	149,802,816	6,915,029	294,580	--	--	--
1961	178,011,262	7,482,411	316,506	696	5,291	387
1962	209,118,115	7,999,068	351,959	2,542	30,488	1,208
1963	204,083,205	8,231,284	352,299	1,623	20,117	855
1964	224,365,105	8,856,005	383,104	1,953	21,854	933
1965	209,823,936	8,794,519	378,452	1,760	21,431	921
1966	225,560,817	10,568,648	453,853	2,333	46,642	2,001
1967	337,741,159	11,835,548	480,358	6,041	105,725	7,705
1968	170,791,297	11,472,059	531,303	11,139	198,304	16,412
1969	244,784,866	9,018,824	386,159	6,545	82,241	6,708
1970	250,298,545	12,481,665	535,012	10,245	58,501	4,284
1971	260,701,480	13,263,736	569,193	11,988	54,083	4,008
1972	231,099,084	12,113,135	522,667	74,810	45,053	3,452
1973	252,803,773	16,200,843	692,381	(50,720)	43,070	2,800
1974	237,451,687	24,815,285	1,072,723	10,869	100,306	6,302
1975	180,533,041	19,911,288	940,333	5,786	120,040	7,055
1976	174,329,860	25,756,101	1,204,227	6,420	133,214	15,577
1977	8,530,914	29,092,333	1,409,856	6,862	229,597	8,832
1978	201,378,531	33,754,262	1,553,904	(948,128)	530,093	25,688
1979	107,105,231	22,941,232	1,018,251	287,674	106,725	1,688
1980	107,165,120	49,145,279	2,312,992	245,250	206,663	9,847
TOTALS	5,122,714,912	408,683,215	17,635,092	204,312	2,163,438	126,863

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	1,088	7,712	928	86,537	32,220	4,011
1976	192	2,010	241	100,160	43,612	13,886
1977	779	8,526	972	163,034	97,380	12,212
1978	350	4,221	511	177,429	162,021	56,823
1979	34	937	117	(36,134)	18,002	2,250
1980	(1,297)	(5,624)	(647)	(21,897)	1,668	302
TOTALS	1,146	17,782	2,122	469,129	354,903	89,484

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY (BBL)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,423,659,057	409,483,295	36,608,601
1954	255,749,312	59,165,206	6,390,224
1955	273,411,705	65,623,490	7,222,266
1956	320,357,082	75,088,296	8,405,737
1957	410,704,439	94,508,696	10,853,882
1958	408,755,432	102,612,070	11,939,522
1959	421,062,475	107,933,544	12,648,674
1960	517,932,131	132,557,425	15,733,986
1961	552,534,037	149,326,428	17,708,972
1962	577,470,940	149,551,825	17,774,823
1963	598,757,348	154,228,963	18,499,373
1964	672,073,680	162,057,294	19,446,028
1965	700,501,097	175,716,010	21,235,037
1966	781,001,179	194,812,461	22,493,216
1967	970,080,247	191,999,881	23,064,480
1968	834,856,908	201,777,885	24,284,474
1969	847,324,263	205,768,507	25,009,126
1970	852,722,461	224,649,439	27,164,896
1971	889,083,099	228,794,982	27,393,048
1972	831,344,488	234,414,172	27,967,558
1973	862,302,761	265,862,912	31,422,486
1974	955,560,010	422,346,561	52,123,210
1975	814,946,527	448,268,638	54,626,570
1976	807,587,548	621,300,244	75,983,217
1977	674,929,766	773,074,299	94,839,715
1978	857,501,420	937,174,599	114,940,976
1979	741,790,354	1,259,742,961	155,360,109
1980	712,613,232	1,642,285,823	200,410,226
TOTALS	19,546,614,098	9,700,135,907	1,161,571,175

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (%)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (%)
1956	--	--	--	--	--	191
1957	--	--	--	--	--	76
1958	--	--	--	--	--	92
1959	--	--	--	--	--	66
1960	--	--	--	--	--	60
1961	--	--	--	--	--	113
1962	21	38	5	7,527	1,160	146
1963	4,163	11,469	719	5,458	711	89
1964	36	86	11	7,754	1,047	131
1965	16	39	5	6,862	961	120
1966	9	20	3	5,621	775	97
1967	26	65	8	4,875	693	117
1968	1,917	5,554	694	50,209	9,078	1,125
1969	2,941	9,475	1,184	78,706	12,013	1,502
1970	1,539	5,084	635	53,966	8,237	1,030
1971	849	2,970	371	2,986	439	55
1972	279	973	122	61,567	9,832	1,229
1973	104	407	51	6,966	1,541	192
1974	9	57	7	5,895	1,453	182
1975	3,919	46,352	5,794	326,659	203,658	25,457
1976	4,356	41,262	5,158	566,190	629,926	78,098
1977	4,495	53,320	6,665	681,426	1,110,514	128,612
1978	3,778	48,614	6,070	526,137	866,749	108,344
1979	2,100	28,664	3,583	332,321	654,694	81,637
1980	1,734	43,007	5,376	858,109	2,032,162	260,270
TOTALS	32,291	297,455	36,461	3,598,932	5,595,643	699,432

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	0	0	181
1957	0	0	76
1958	0	0	92
1959	0	0	66
1960	0	0	60
1961	0	0	113
1962	7,548	1,198	151
1963	9,621	12,180	808
1964	7,790	1,123	142
1965	6,878	1,000	125
1966	5,630	795	100
1967	4,901	758	125
1968	61,826	14,622	1,829
1969	81,647	21,488	2,686
1970	55,505	12,321	1,665
1971	3,825	3,409	426
1972	61,846	16,805	1,351
1973	7,070	1,948	244
1974	5,904	1,510	189
1975	320,579	250,010	31,251
1976	570,544	671,188	83,256
1977	685,821	1,163,824	145,477
1978	529,915	915,363	114,414
1979	324,421	683,358	85,620
1980	852,543	2,125,169	265,646
TOTALS	3,631,223	5,873,099	725,293

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,248,549	5,899,860	737,484	71,575,239	4,641,773	580,224
1954	147,304	434,057	54,257	13,228,334	1,234,988	154,374
1955	173,479	508,820	63,603	13,022,978	1,344,860	168,799
1956	375,400	1,010,196	126,171	15,561,116	1,695,335	211,619
1957	773,011	2,115,544	264,443	27,540,072	3,146,764	392,347
1958	2,587,437	7,107,483	899,301	42,264,484	4,894,734	611,846
1959	5,924,133	15,650,578	1,966,750	42,854,547	5,384,095	674,128
1960	7,015,351	18,345,641	2,295,282	43,760,890	5,595,803	701,367
1961	6,457,231	17,235,700	2,156,656	42,529,934	5,420,138	679,847
1962	4,468,500	11,731,741	1,471,720	36,199,235	4,642,607	582,378
1963	4,096,014	10,520,746	1,337,568	38,319,106	5,060,960	633,274
1964	4,310,772	11,046,111	1,422,795	47,045,338	6,478,802	807,741
1965	5,887,820	15,371,138	2,030,778	55,057,264	7,278,831	911,358
1966	5,645,290	14,890,816	1,927,238	59,837,506	8,003,287	1,012,216
1967	5,357,559	14,313,221	1,924,781	62,577,713	8,282,476	1,050,605
1968	4,550,920	12,434,062	1,695,691	64,030,219	8,992,998	1,140,061
1969	3,343,062	9,484,210	1,290,137	62,097,688	8,498,453	1,075,139
1970	3,292,857	9,419,588	1,283,907	70,737,555	10,385,303	1,314,767
1971	3,568,105	10,563,619	1,499,723	65,359,983	9,583,149	1,214,865
1972	2,790,616	8,840,594	1,231,144	68,848,237	12,177,763	1,539,673
1973	2,735,152	11,015,189	1,618,816	58,623,410	13,649,000	1,739,435
1974	3,642,297	25,875,540	3,869,674	62,293,042	18,644,464	2,392,164
1975	2,854,208	26,972,883	4,095,843	55,175,828	19,915,219	2,630,644
1976	2,103,107	20,223,123	2,909,953	61,494,584	35,451,544	4,612,435
1977	2,021,951	20,687,116	2,924,237	57,247,400	60,906,631	8,424,297
1978	2,041,310	23,763,555	3,443,414	53,842,137	67,466,964	9,175,142
1979	2,263,550	40,087,979	5,557,934	55,492,219	98,159,540	12,817,762
1980	2,028,233	61,309,561	8,390,707	56,446,499	116,155,519	15,515,533
TOTALS	93,703,218	426,858,671	58,560,007	1,403,063,552	553,087,000	72,766,740

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	13,743,154	579,623	72,461	306	7,346	450
1954	51,505	3,397	424	323	7,766	485
1955-59	--	--	--	--	--	--
1960	9,803,409	335,113	13,978	--	--	--
1961	19,930,160	639,780	26,671	--	--	--
1962	16,233,807	480,992	20,081	--	--	--
1963	11,720,592	367,371	15,296	--	--	--
1964	4,814,324	138,780	5,771	--	--	--
1965	3,756,629	104,558	4,357	--	--	--
1966	2,017,283	65,125	2,725	--	--	--
1967	1,157,299	45,363	1,949	--	--	--
1968	835,754	28,533	1,187	--	--	--
1969	468,793	15,355	640	--	--	--
1970	257,257	7,740	323	--	--	--
1971	660,403	23,206	968	--	--	--
1972	320,747	12,525	532	--	--	--
1973	229,693	9,181	399	--	--	--
1974	206,037	9,335	403	--	--	--
1975	663,371	140,290	5,972	--	--	--
1976	491,424	621,972	33,455	--	--	--
1977	186,470	97,071	6,246	--	--	--
1978	75,183	2,839	(21)	--	--	--
1979	70,456	15,661	651	--	--	--
1980	52,818	24,276	1,012	--	--	--
TOTALS	87,746,568	3,768,587	215,480	629	15,112	944

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	164	1,112	139	16,834	8,834	1,285
1976	--	--	--	39,929	20,847	2,685
1977	--	--	--	26,744	38,005	5,233
1978	--	--	--	61,616	58,124	9,119
1979	7	86	11	(22,578)	(1,073)	14,625
1980	--	--	--	(45,889)	(29,287)	(4,442)
TOTALS	171	1,198	150	76,655	95,450	28,205
1961	1,457,231	17,290,790	1,081,000	1,081,000	1,081,000	1,081,000
1962	1,450,100	11,731,471	1,081,000	1,081,000	1,081,000	1,081,000
1963	1,496,214	19,266,935	1,081,000	1,081,000	1,081,000	1,081,000
1964	1,310,177	11,494,712	1,081,000	1,081,000	1,081,000	1,081,000
1965	1,862,170	19,171,738	1,081,000	1,081,000	1,081,000	1,081,000
1966	1,645,250	14,892,510	1,081,000	1,081,000	1,081,000	1,081,000
1967	1,357,259	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1968	1,550,220	17,489,250	1,081,000	1,081,000	1,081,000	1,081,000
1969	1,343,052	14,488,712	1,081,000	1,081,000	1,081,000	1,081,000
1970	1,292,157	14,117,508	1,081,000	1,081,000	1,081,000	1,081,000
1971	1,560,103	18,741,217	1,081,000	1,081,000	1,081,000	1,081,000
1972	1,790,114	19,241,214	1,081,000	1,081,000	1,081,000	1,081,000
1973	1,775,152	11,088,109	1,081,000	1,081,000	1,081,000	1,081,000
1974	1,642,107	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1975	1,611,208	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1976	1,105,104	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1977	1,021,751	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1978	1,081,712	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1979	1,101,755	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
1980	1,021,755	14,807,207	1,081,000	1,081,000	1,081,000	1,081,000
TOTALS	11,709,218	116,250,671	11,709,218	11,709,218	116,250,671	11,709,218

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	< TOTAL ALL PRODUCTS >		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	88,567,248	11,128,602	1,390,628
1954	13,427,466	1,680,208	209,540
1955	13,196,457	1,853,680	232,402
1956	15,936,516	2,705,531	338,090
1957	28,313,083	5,262,308	657,790
1958	44,851,921	12,002,217	1,511,147
1959	48,778,680	21,034,673	2,640,878
1960	60,579,650	24,266,557	3,010,627
1961	68,917,325	23,295,618	2,863,174
1962	56,901,542	16,855,340	2,074,179
1963	54,135,712	15,949,077	1,986,138
1964	56,170,434	17,663,693	2,236,307
1965	64,701,713	22,754,527	2,946,493
1966	67,500,079	22,959,228	3,012,179
1967	69,092,571	22,641,560	2,977,335
1968	69,416,892	21,455,593	2,826,939
1969	65,909,543	17,998,010	2,365,916
1970	74,287,669	19,812,631	2,598,997
1971	69,588,491	20,174,974	2,715,556
1972	71,959,595	21,030,882	2,771,349
1973	61,588,255	24,673,370	3,358,650
1974	66,141,377	44,529,339	6,262,241
1975	53,710,405	47,038,338	6,733,883
1976	64,129,043	56,317,487	7,559,528
1977	59,482,565	81,728,823	11,360,013
1978	56,021,246	91,291,482	12,627,654
1979	57,803,654	132,262,193	18,390,983
1980	58,481,661	177,460,069	23,903,010
TOTALS	1,584,590,793	983,626,018	131,571,626

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	9,831	20,518	2,112	5,003,359	383,364	27,840
1954	204,449	496,759	54,296	274,470	29,746	1,693
1955	471,038	1,280,344	161,705	392,435	43,587	2,727
1956	728,957	2,113,196	246,498	411,050	47,815	2,684
1957	1,032,029	3,228,204	360,215	652,004	99,688	3,553
1958	1,404,121	4,259,081	470,644	1,149,622	58,512	6,395
1959	1,420,722	4,173,376	469,034	1,209,718	76,601	8,700
1960	1,823,453	5,230,490	577,104	2,174,048	139,452	14,591
1961	2,368,605	6,460,068	697,016	3,760,722	205,504	14,821
1962	2,764,181	7,490,955	781,530	1,036,083	73,575	16,495
1963	2,916,838	7,731,388	855,462	2,453,843	217,976	24,577
1964	2,721,394	7,118,874	856,812	2,793,594	198,963	23,518
1965	2,811,428	7,472,168	869,012	2,702,782	190,932	20,894
1966	3,305,858	8,478,156	1,011,363	3,231,455	235,928	27,169
1967	3,787,834	9,591,435	1,025,128	3,821,905	276,985	32,794
1968	3,115,641	8,211,346	951,870	4,057,692	268,606	32,631
1969	2,497,321	6,681,743	763,976	3,110,951	206,268	24,960
1970	2,080,609	5,792,808	689,332	2,244,702	145,771	17,616
1971	2,181,330	6,587,789	787,043	2,108,492	208,125	24,663
1972	2,162,092	6,553,505	779,650	1,622,591	227,614	27,706
1973	2,317,513	8,356,239	1,005,416	1,021,655	116,101	14,146
1974	2,508,932	15,521,185	1,841,519	998,518	144,603	17,126
1975	2,876,982	22,485,200	3,022,292	954,636	319,873	38,661
1976	3,018,730	24,623,405	3,351,845	896,626	318,222	38,513
1977	2,974,014	25,044,338	3,130,618	1,087,152	475,463	57,470
1978	3,118,976	27,957,762	3,398,817	957,426	444,242	51,331
1979	4,450,647	64,632,211	7,877,953	1,249,980	977,022	112,523
1980	10,182,995	318,350,576	38,499,867	3,905,377	7,380,615	898,507
TOTALS	71,256,520	615,943,119	74,538,129	55,183,420	13,501,153	1,585,604

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	5,456,699	119,970	4,052	1,880	34,621	692
1962	(1,922,639)	49,099	1,366	(690)	(7,566)	89
1963	352,513	16,222	805	109	1,672	30
1964	(27,898)	(1,307)	(26)	(136)	(1,910)	(2)
1965	120,693	6,590	198	1	7	1
1966	60,686	3,428	126	--	--	--
1967	56,347	3,018	119	--	--	--
1968	85,772	4,090	170	--	--	--
1969	19,381	822	34	--	--	--
1970-71	--	--	--	--	--	--
1972	1,353,300	68,826	7,226	140	1,247	22
1973	1,388,017	81,778	22	116	960	94
1974	3,632,797	1,248,723	118,046	913	10,291	253
1975	2,284,823	357,093	14,702	6,853	16,086	441
1976	2,568,674	506,017	21,305	542	9,350	233
1977	2,498,966	379,883	15,651	545	7,961	172
1978	1,296,019	142,046	5,887	57	192	16
1979	1,777,278	211,646	7,938	288	197	12
1980	4,368,041	4,380,276	178,226	119	265	22
TOTALS	25,369,469	7,579,022	375,847	10,736	73,373	1,675

OIL AND GAS OPERATIONS

ALL LANDS

N.DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	1,961	11,963	1,286	102,229	53,178	6,647
1976	218	1,153	143	713,007	541,900	62,122
1977	102	545	66	796,257	1,238,579	142,058
1978	297	1,466	156	439,640	646,732	78,285
1979	2,013	32,407	3,790	219,513	241,627	16,047
1980	--	--	--	(2,297)	(2,399)	(156,304)
TOTALS	4,591	47,534	5,441	2,268,349	2,719,607	140,855

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,013,690	403,882	29,952
1954	478,919	526,505	55,989
1955	863,473	1,323,931	164,432
1956	1,140,007	2,161,011	249,182
1957	1,684,033	3,327,892	364,168
1958	2,553,753	4,317,593	477,029
1959	2,630,440	4,249,977	477,734
1960	3,997,501	5,369,942	591,695
1961	11,587,906	6,820,163	716,491
1962	1,876,935	7,606,063	799,480
1963	5,723,303	7,967,258	880,874
1964	5,486,954	7,314,620	880,302
1965	5,634,904	7,559,697	890,105
1966	6,597,999	8,717,512	1,038,658
1967	7,666,086	9,871,438	1,058,041
1968	7,259,105	8,484,042	984,671
1969	5,627,653	6,888,833	788,970
1970	4,325,311	5,938,579	706,548
1971	4,289,022	6,795,914	811,706
1972	5,138,123	6,851,194	814,604
1973	4,727,331	8,555,078	1,019,678
1974	7,141,160	16,924,802	1,976,954
1975	6,127,484	23,243,393	3,094,029
1976	7,197,797	26,000,127	3,474,161
1977	7,357,036	27,146,769	3,346,535
1978	5,812,415	29,193,240	3,534,492
1979	7,699,719	66,095,110	8,018,263
1980	18,454,234	330,109,323	39,470,718
TOTALS	154,093,092	639,863,898	76,655,851

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	9,831	20,518	2,112	5,003,859	393,364	27,840
1954	71,867	182,428	20,936	251,654	27,464	1,408
1955	141,934	358,271	54,761	330,819	36,702	1,920
1956	159,219	401,803	59,792	344,745	37,944	1,990
1957	154,466	429,270	55,772	312,908	35,634	1,712
1958	197,665	585,492	67,683	372,533	18,888	2,123
1959	195,787	594,724	63,160	381,234	20,129	2,279
1960	273,975	755,863	89,419	490,497	24,345	2,756
1961	591,481	1,492,503	140,688	1,027,715	54,972	3,980
1962	1,069,239	2,630,671	251,755	202,516	11,563	3,671
1963	1,278,304	3,096,408	322,955	643,989	43,467	4,886
1964	1,097,662	2,709,903	291,567	782,284	48,483	5,649
1965	1,026,086	2,503,135	274,509	709,047	42,643	4,859
1966	1,082,430	2,641,590	299,721	702,049	41,118	4,975
1967	1,209,140	2,979,815	338,988	618,080	39,663	4,661
1968	1,124,910	2,848,048	299,141	601,317	35,919	4,335
1969	919,823	2,434,466	247,009	504,587	29,562	3,529
1970	701,113	1,913,760	217,426	463,459	25,269	2,992
1971	780,255	2,321,733	263,413	402,021	35,115	4,265
1972	779,275	2,328,234	262,871	319,990	34,297	4,199
1973	916,061	3,339,650	387,181	359,645	24,810	2,906
1974	1,158,636	7,691,473	886,892	380,420	28,097	3,279
1975	1,341,619	11,438,760	1,498,423	370,472	81,939	9,553
1976	1,508,849	13,336,290	1,713,021	440,325	151,606	18,253
1977	1,268,625	10,673,370	1,228,592	457,626	174,143	20,735
1978	1,313,921	11,393,680	1,276,759	401,952	129,509	14,903
1979	1,777,587	29,366,313	3,566,818	436,406	227,958	25,840
1980	6,076,087	200,391,846	24,915,600	2,029,414	3,646,219	476,446
TOTALS	28,225,847	321,361,025	39,096,974	19,341,581	5,690,822	665,964

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	3,800,112	22,757	1,923	1,256	20,595	278
1962	(2,776,813)	12,841	325	(854)	(10,426)	36
1963	217,130	9,991	280	51	605	12
1964-67	--	--	--	--	--	--
1968	(33)	(2)	--	--	--	--
1969-71	--	--	--	--	--	--
1972	126,038	6,277	261	51	453	8
1973	129,044	6,948	735	48	416	43
1974	360,230	184,273	19,417	144	1,615	36
1975	317,358	47,665	2,008	127	2,132	46
1976	549,346	108,297	4,513	68	1,211	23
1977	311,484	49,966	2,082	82	881	17
1978	85,834	12,768	664	12	41	1
1979	309,417	57,187	1,995	33	67	1
1980	1,406,426	2,264,417	93,097	3	54	1
TOTALS	4,835,573	2,793,385	127,300	1,021	17,644	502

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,856	11,364	1,217	42,723	22,225	2,778
1976	65	365	44	543,536	392,409	46,047
1977	63	329	39	494,953	769,483	86,527
1978	297	1,466	156	217,234	274,252	32,793
1979	1,277	16,728	1,830	122,350	100,319	11,880
1980	--	--	--	13,130	8,975	(79,344)
TOTALS	3,558	30,252	3,286	1,433,926	1,567,663	100,681

OIL AND GAS OPERATIONS

PUBLIC LANDS

N.DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,013,690	403,882	29,952
1954	323,521	209,892	22,344
1955	472,753	394,973	56,681
1956	503,964	439,747	61,782
1957	467,374	464,904	57,484
1958	570,198	604,380	69,806
1959	577,021	614,853	65,439
1960	764,472	780,208	92,175
1961	5,420,564	1,591,827	146,869
1962	(1,505,912)	2,644,649	255,787
1963	2,139,484	3,150,471	328,133
1964	1,879,946	2,758,386	297,216
1965	1,735,133	2,545,778	279,368
1966	1,784,479	2,682,708	304,696
1967	1,827,220	3,019,478	343,649
1968	1,726,194	2,883,965	303,476
1969	1,424,410	2,464,028	250,538
1970	1,164,572	1,939,029	270,418
1971	1,182,276	2,356,848	267,698
1972	1,225,362	2,369,261	267,339
1973	1,404,798	3,271,824	390,865
1974	1,899,430	7,905,458	909,624
1975	2,074,155	11,604,093	1,514,035
1976	3,042,189	13,990,178	1,781,901
1977	2,532,833	11,668,172	1,337,992
1978	2,019,250	11,811,716	1,325,276
1979	2,647,070	29,769,572	3,608,364
1980	9,525,060	207,011,511	25,405,800
TOTALS	53,841,506	331,450,791	39,994,707

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	55,686	152,002	13,069	--	--	--
1955	223,435	639,526	67,573	7,470	1,470	130
1956	427,612	1,327,937	129,715	29,504	6,219	237
1957	640,181	2,056,985	209,918	237,701	53,899	972
1958	749,159	2,249,545	224,955	671,868	27,646	2,765
1959	627,329	1,818,082	185,803	567,917	30,400	3,162
1960	925,266	2,633,959	257,601	1,168,318	71,941	6,439
1961	1,196,211	3,257,329	342,671	2,179,029	111,862	6,007
1962	1,101,353	3,110,410	311,041	188,877	12,084	6,583
1963	1,096,227	3,039,175	330,966	1,144,089	118,444	12,614
1964	986,146	2,713,314	351,294	1,358,140	111,767	13,090
1965	1,273,991	3,379,513	393,622	1,429,250	100,921	11,306
1966	1,708,766	4,366,611	525,766	2,007,165	152,222	16,817
1967	2,121,667	5,321,030	522,320	2,616,275	192,638	22,516
1968	1,527,918	3,954,474	473,307	2,248,583	155,796	18,654
1969	1,296,948	3,384,259	407,190	1,888,920	118,955	14,211
1970	1,163,689	3,210,021	386,432	1,321,437	79,863	9,543
1971	1,209,024	3,625,164	441,679	1,317,282	139,343	16,165
1972	1,193,358	3,592,263	435,853	1,080,759	154,281	18,601
1973	1,234,354	4,391,639	538,289	452,433	52,563	6,396
1974	1,189,289	6,997,089	848,267	350,673	65,461	7,474
1975	1,405,613	10,351,055	1,434,858	318,635	204,564	24,934
1976	1,406,622	10,683,276	1,561,480	265,870	122,363	14,709
1977	1,624,216	13,870,331	1,838,089	367,175	237,495	29,242
1978	1,710,612	15,997,528	2,049,465	365,942	259,645	29,541
1979	2,579,196	34,455,030	4,206,526	635,125	654,592	74,851
1980	4,026,222	115,867,151	13,376,137	1,776,082	3,468,849	414,248
TOTALS	34,700,090	266,444,698	31,863,886	25,995,529	6,705,283	791,117

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	1,656,587	97,213	2,129	624	14,026	314
1962	854,174	36,258	1,041	164	2,860	53
1963	135,383	6,231	525	58	1,067	18
1964	(27,898)	(1,307)	(26)	(136)	(1,210)	(2)
1965	120,693	6,590	198	1	7	1
1966	60,686	3,428	126	--	--	--
1967	56,347	3,018	119	--	--	--
1968	85,805	4,092	170	--	--	--
1969	19,381	822	34	--	--	--
1970-71	--	--	--	--	--	--
1972	194,078	9,939	388	89	794	14
1973	175,536	9,359	476	28	237	12
1974	1,690,462	843,989	89,136	727	8,358	179
1975	1,514,518	224,677	9,143	706	12,427	232
1976	1,526,001	302,223	12,813	432	7,495	142
1977	1,257,330	234,384	9,583	433	6,888	124
1978	576,989	81,801	3,206	18	48	4
1979	974,742	112,951	4,210	51	66	4
1980	2,605,514	1,765,147	70,516	4	58	5
TOTALS	13,476,328	3,740,815	203,787	3,199	52,421	1,110

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	105	599	69	59,506	30,953	3,869
1976	153	788	99	169,471	149,571	16,075
1977	39	216	27	301,304	469,096	55,531
1978	--	--	--	222,406	372,480	45,492
1979	736	15,679	1,960	97,163	141,308	4,167
1980	--	--	--	(15,427)	(11,374)	(76,560)
TOTALS	1,033	17,282	2,155	834,423	1,152,034	48,174

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY CUBIC FEET	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	55,686	152,002	13,069
1955	230,905	640,996	67,703
1956	457,116	1,334,156	129,952
1957	877,882	2,110,884	210,890
1958	1,421,027	2,277,191	227,720
1959	1,195,246	1,848,482	182,965
1960	2,092,584	2,705,900	264,040
1961	5,032,451	3,480,430	351,121
1962	2,144,568	3,161,612	318,718
1963	2,375,757	3,164,917	344,123
1964	2,316,252	2,621,864	364,266
1965	2,823,935	3,487,031	405,127
1966	3,774,617	4,522,261	562,709
1967	4,794,289	5,516,686	544,055
1968	3,862,306	4,114,362	492,131
1969	3,205,249	3,504,036	421,425
1970	2,485,126	3,289,984	395,975
1971	2,526,306	3,764,507	457,844
1972	2,468,284	3,757,277	454,856
1973	1,862,351	4,453,798	545,173
1974	3,231,151	7,914,897	945,056
1975	3,300,083	10,824,275	1,473,105
1976	3,368,549	11,265,716	1,605,318
1977	3,550,497	14,818,410	1,932,606
1978	2,875,967	16,711,502	2,127,708
1979	4,287,013	35,379,626	4,291,718
1980	8,322,405	121,089,821	13,783,946
TOTALS	75,010,602	278,112,523	32,900,229

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	76,896	162,329	20,291	22,816	2,282	285
1955	105,669	282,547	39,371	54,146	5,415	677
1956	142,126	383,456	56,991	36,801	3,652	457
1957	237,382	741,949	94,525	101,395	10,155	1,269
1958	457,297	1,424,044	178,006	105,231	11,978	1,497
1959	597,606	1,760,570	220,071	260,567	26,072	3,259
1960	624,212	1,840,668	230,084	515,233	43,166	5,396
1961	580,913	1,709,236	213,657	553,973	38,670	4,834
1962	593,589	1,749,874	218,734	644,690	49,928	6,241
1963	542,307	1,595,805	201,541	665,755	56,065	7,077
1964	637,586	1,695,657	213,951	653,170	39,713	4,869
1965	511,351	1,589,520	200,881	564,485	37,368	4,729
1966	514,662	1,469,955	185,876	522,241	42,588	5,277
1967	457,027	1,290,590	163,820	587,550	44,684	5,617
1968	462,813	1,408,824	179,422	1,207,792	76,891	9,642
1969	280,550	863,018	109,777	717,444	57,751	7,220
1970	215,807	669,027	85,474	459,806	40,639	5,081
1971	192,051	640,892	81,951	389,189	33,667	4,213
1972	189,459	633,008	80,926	221,834	39,036	4,906
1973	167,098	624,950	79,946	209,607	38,728	4,844
1974	161,007	832,623	106,360	267,425	51,045	6,383
1975	129,750	695,377	89,001	164,529	33,370	4,174
1976	103,259	603,839	77,344	190,431	44,252	5,551
1977	81,173	500,637	63,937	262,351	63,825	7,993
1978	94,443	566,554	72,593	189,532	55,088	6,887
1979	93,864	810,868	104,609	178,449	94,472	11,832
1980	80,686	1,591,579	208,130	99,871	65,547	8,213
TOTALS	8,330,583	28,137,396	3,577,269	9,846,318	1,105,048	138,523

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1972	1,033,184	52,612	6,577	--	--	--
1973	1,083,437	65,471	(1,189)	40	307	39
1974	1,582,105	220,461	9,493	42	318	38
1975	452,947	84,751	3,551	6,020	1,527	163
1976	493,327	95,497	3,979	42	644	68
1977	930,152	95,533	3,986	30	192	21
1978	633,196	48,277	2,017	27	103	11
1979	493,119	41,508	1,733	204	64	7
1980	356,101	350,712	14,613	111	153	16
TOTALS	7,057,568	1,054,822	44,760	6,516	3,308	363

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	(- TOTAL ALL PRODUCTS -)					
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	99,712	164,611	70,576			
1955	159,815	287,962	40,048			
1956	178,927	387,108	57,448			
1957	338,777	752,104	95,794			
1958	562,528	1,436,022	179,503			
1959	858,173	1,786,642	223,330			
1960	1,139,445	1,883,834	235,490			
1961	1,134,891	1,747,906	218,491			
1962	1,238,279	1,799,802	224,975			
1963	1,208,062	1,651,870	208,618			
1964	1,290,756	1,734,370	218,820			
1965	1,075,836	1,626,888	205,610			
1966	1,036,903	1,512,543	191,253			
1967	1,044,577	1,335,274	169,437			
1968	1,670,605	1,485,711	189,064			
1969	997,994	920,769	116,997			
1970	675,613	709,666	90,555			
1971	581,240	674,559	86,164			
1972	1,444,477	724,656	92,409			
1973	1,460,182	729,456	82,640			
1974	2,010,579	1,104,447	122,274			
1975	752,246	815,025	96,889			
1976	797,059	744,233	86,942			
1977	1,273,706	660,187	75,937			
1978	917,198	670,022	81,508			
1979	765,636	946,912	118,181			
1980	536,769	2,007,991	230,972			
TOTALS	25,240,985	30,300,574	3,760,215			

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

OHIO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	539,864	1,394,944	242,568	1,200,752	351,402	26,072
1954	20,438	55,788	7,331	64,528	21,132	2,102
1955	19,555	55,971	6,922	58,248	11,459	1,442
1956	32,864	102,058	12,729	40,652	8,569	1,061
1957	51,880	166,697	20,341	33,903	7,688	898
1958	31,337	93,984	11,278	59,401	13,623	1,435
1959	14,740	42,678	5,335	38,705	8,202	1,024
1960	10,097	30,381	3,798	18,764	3,940	495
1961	8,396	26,757	3,366	16,909	3,518	441
1962	8,951	27,757	3,470	13,383	2,722	342
1963	7,714	24,940	3,113	102,509	26,970	3,275
1964	8,753	28,604	3,576	390,158	105,061	13,133
1965	6,235	19,912	2,489	298,997	80,636	10,079
1966	3,722	12,452	1,556	281,537	74,525	9,215
1967	3,837	12,705	1,588	202,489	53,600	6,700
1968	2,442	8,211	1,026	170,332	45,088	5,636
1969	3,625	12,147	1,518	216,713	57,365	7,171
1970	2,682	8,922	1,115	157,292	42,469	5,209
1971	3,069	10,645	1,331	154,406	44,386	5,548
1972	2,399	8,513	1,064	125,524	39,014	4,877
1973	1,767	7,796	974	150,941	47,722	5,865
1974	1,743	17,433	2,179	118,950	38,348	4,793
1975	4,692	23,940	2,993	115,274	57,965	7,246
1976	1,587	18,612	2,327	98,879	51,864	6,483
1977	1,390	20,303	2,538	117,534	65,822	8,228
1978	1,490	21,145	2,643	149,216	53,490	6,682
1979	1,411	33,260	4,117	82,295	58,397	7,298
1980	4,679	113,028	14,121	78,557	67,428	8,426
TOTALS	801,359	2,399,583	367,406	4,555,840	1,442,406	162,476

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

OHIO

< - TOTAL ALL PRODUCTS - >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,740,616	1,746,346	268,640
1954	84,066	76,920	10,133
1955	77,003	67,430	8,364
1956	73,516	110,627	13,790
1957	85,783	174,305	21,239
1958	90,739	107,607	12,913
1959	53,445	50,890	6,359
1960	28,861	34,321	4,293
1961	25,305	30,275	3,807
1962	22,334	30,400	3,812
1963	110,223	51,910	6,488
1964	398,911	133,665	16,700
1965	305,232	100,548	12,560
1966	285,259	96,977	10,871
1967	206,326	66,305	8,288
1968	172,774	53,200	6,662
1969	220,338	69,512	8,689
1970	159,974	51,301	6,424
1971	157,475	55,021	6,879
1972	127,923	47,527	5,941
1973	152,708	55,518	6,939
1974	120,693	55,781	6,972
1975	119,966	81,905	10,239
1976	100,466	70,476	8,810
1977	118,924	96,126	10,766
1978	149,706	74,635	9,325
1979	83,708	91,647	11,415
1980	83,235	180,456	22,547
TOTALS	5,357,207	3,641,989	529,682

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	163,132,205	287,128,430	32,661,659	130,138,689	5,935,384	796,787
1954	8,909,201	24,434,283	2,759,121	9,065,102	790,416	90,556
1955	8,802,671	24,415,604	2,624,256	10,633,365	944,990	105,428
1956	8,848,236	24,417,372	2,623,066	13,461,647	1,283,348	130,686
1957	9,054,625	27,362,402	2,914,526	14,749,871	1,432,631	138,051
1958	8,812,017	25,965,425	2,788,855	14,608,426	1,470,856	147,315
1959	9,495,945	25,590,827	2,704,558	15,212,224	1,556,149	151,699
1960	8,456,171	24,254,983	2,566,185	16,514,570	2,016,302	178,310
1961	8,197,842	24,112,161	2,515,996	18,105,570	2,186,307	241,535
1962	7,701,541	22,399,259	2,293,038	18,113,346	2,434,192	261,678
1963	7,811,275	22,337,798	2,256,968	18,174,959	2,376,550	278,572
1964	7,849,921	22,293,761	2,257,985	20,882,100	3,022,591	346,299
1965	7,431,564	20,797,637	2,449,543	19,679,982	2,720,138	341,649
1966	7,455,401	20,855,890	2,622,061	24,326,794	3,184,152	437,340
1967	8,192,358	23,931,015	2,998,377	28,417,585	4,217,863	540,027
1968	8,209,834	25,053,962	3,079,622	33,638,341	4,750,354	601,887
1969	7,863,322	25,257,526	3,099,249	41,844,743	6,007,000	767,569
1970	7,439,427	24,376,271	3,000,291	45,142,703	6,530,935	810,628
1971	7,197,813	25,138,109	3,120,366	38,454,695	5,893,595	745,005
1972	7,015,759	24,520,529	3,124,045	39,379,682	6,466,282	866,301
1973	5,601,137	23,414,351	2,941,850	45,922,807	9,325,086	1,161,933
1974	4,949,324	35,846,909	4,464,629	43,542,079	11,031,444	1,360,645
1975	5,065,075	44,657,396	5,744,144	33,544,100	13,066,942	1,684,349
1976	5,044,907	48,150,844	6,529,628	42,445,051	28,354,442	3,704,696
1977	4,311,224	43,706,633	5,696,213	41,688,139	38,849,114	5,150,744
1978	4,693,718	51,706,870	7,056,507	40,534,049	47,889,080	6,295,199
1979	3,783,115	61,002,976	8,080,427	40,854,490	58,899,302	7,445,735
1980	3,872,239	97,446,685	13,064,767	40,706,799	68,655,618	9,063,401
TOTALS	355,197,867	1,150,575,908	136,037,932	699,781,908	341,291,063	43,844,422

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	515,668,766	23,728,130	885,496	--	--	--
1954	35,501,949	1,580,320	56,580	--	--	--
1955	39,982,795	1,766,135	62,270	--	--	--
1956	46,049,862	2,099,126	72,621	--	--	--
1957	47,164,900	2,010,452	67,618	--	--	--
1958	43,122,671	2,166,404	72,406	--	--	--
1959	38,013,848	1,990,074	65,299	--	--	--
1960	37,201,127	1,900,812	63,481	--	--	--
1961	39,845,041	1,886,684	63,893	--	--	--
1962	32,886,082	1,506,237	52,231	--	--	--
1963	29,491,147	1,330,302	44,747	--	--	--
1964	29,514,377	1,306,715	45,011	--	--	--
1965	20,357,979	903,031	36,754	--	--	--
1966	17,702,464	869,362	39,781	--	--	--
1967	29,156,201	1,622,263	71,182	--	--	--
1968	6,218,837	213,057	13,557	--	--	--
1969	18,223,134	(482,559)	(16,339)	--	--	--
1970	18,090,452	2,355,838	100,680	--	--	--
1971	17,226,986	979,914	46,086	--	--	--
1972	18,376,747	1,341,081	61,116	--	--	--
1973	23,668,891	1,757,095	95,975	--	--	--
1974	5,373,878	1,454,842	64,737	--	--	--
1975	10,591,103	1,389,251	71,502	51	254	32
1976	10,566,719	5,139,878	89,000	--	--	--
1977	4,224,109	788,535	50,000	--	--	--
1978	1,364,868	280,321	37,960	30	369	62
1979	957,310	293,236	35,177	--	--	--
1980	1,939,807	678,589	96,964	--	--	--
TOTALS	1,138,482,050	62,845,135	2,445,875	81	623	94

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	808,939,660	316,791,944	34,343,542
1954	--	--	--	53,476,252	26,805,019	2,906,257
1955	--	--	--	59,418,831	27,126,729	2,791,954
1956	--	--	--	68,359,745	27,799,856	2,826,373
1957	--	--	--	70,969,396	30,805,485	3,120,195
1958	--	--	--	66,543,114	29,602,685	3,008,576
1959	--	--	--	62,722,017	29,137,050	2,921,556
1960	--	--	--	62,171,868	28,172,097	2,807,976
1961	--	--	--	66,148,453	28,185,152	2,821,424
1962	--	--	--	58,700,969	25,239,688	2,606,947
1963	--	--	--	55,477,381	26,044,650	2,580,687
1964	--	--	--	58,246,398	26,623,067	2,649,295
1965	--	--	--	47,469,525	24,420,806	2,827,546
1966	--	--	--	49,484,659	24,909,404	3,099,182
1967	--	--	--	65,766,144	29,771,141	3,609,586
1968	--	--	--	48,067,012	30,017,373	3,695,066
1969	--	--	--	67,931,199	30,781,967	3,850,479
1970	--	--	--	70,672,582	33,263,044	3,911,599
1971	--	--	--	62,879,494	32,011,618	3,911,457
1972	--	--	--	64,772,189	32,327,892	4,051,462
1973	--	--	--	75,192,835	34,496,532	4,199,758
1974	--	--	--	53,865,281	48,333,195	5,890,011
1975	1,562	70	163	49,201,891	59,113,913	7,500,280
1976	12,583	23,926	3,992	58,069,260	81,669,090	10,327,316
1977	18,856	28,219	4,700	50,242,329	83,372,501	10,901,657
1978	13,506	19,161	15,218	46,606,171	99,895,801	13,404,546
1979	--	--	--	45,594,915	120,185,514	15,561,237
1980	--	--	(12,402)	46,518,045	166,780,892	22,212,730
TOTALS	46,507	71,376	11,671	2,393,508,413	1,554,734,105	184,339,994

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	5,465,873	7,800,672	1,076,548	2,360,966	196,892	23,456
1954	118,720	301,361	36,166	564,117	61,565	7,035
1955	106,053	267,700	32,740	689,432	76,488	8,497
1956	93,159	235,095	27,769	475,811	52,371	5,953
1957	112,247	311,941	39,798	495,409	56,417	6,425
1958	161,228	480,555	56,177	462,712	52,631	6,579
1959	149,013	448,365	50,441	476,498	57,954	7,244
1960	119,125	358,113	39,643	739,232	100,727	12,591
1961	122,081	358,755	36,306	842,346	127,069	15,884
1962	140,063	436,756	42,977	954,302	149,051	18,631
1963	153,831	512,767	47,431	1,414,338	233,373	28,612
1964	281,037	808,579	100,653	3,310,473	512,169	65,151
1965	302,775	853,959	106,959	4,032,779	638,331	80,530
1966	308,270	874,559	106,643	8,016,797	1,087,579	162,379
1967	343,768	1,024,892	122,736	8,299,816	1,304,568	164,528
1968	335,094	1,026,011	120,967	12,491,405	1,949,285	243,730
1969	294,326	927,706	109,419	14,066,425	2,230,456	278,925
1970	253,614	826,408	98,283	14,668,790	2,237,949	286,138
1971	380,261	1,295,820	160,154	14,809,787	2,396,640	300,142
1972	431,310	1,469,970	211,562	14,101,417	2,515,001	319,560
1973	257,606	1,073,109	134,979	14,347,818	2,608,643	337,629
1974	224,994	1,694,865	210,436	13,740,600	3,386,924	423,990
1975	172,035	1,521,709	185,366	12,419,400	3,744,376	468,222
1976	144,842	1,362,706	164,119	12,870,591	5,696,603	695,138
1977	227,253	2,479,202	263,445	13,759,556	11,285,620	1,390,273
1978	219,974	2,637,533	297,018	12,684,717	12,087,417	1,532,398
1979	174,649	2,597,140	284,885	11,090,320	13,769,959	1,566,106
1980	149,572	3,889,694	424,588	10,795,292	17,540,827	1,936,298
TOTALS	11,242,773	37,885,942	4,587,198	204,981,056	86,286,885	10,392,124

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	11,313,702	719,254	42,269	--	--	--
1954	1,007,148	68,835	4,956	--	--	--
1955	1,125,826	74,673	5,442	--	--	--
1956	1,101,884	74,597	5,628	--	--	--
1957	905,699	61,477	4,925	--	--	--
1958	771,897	37,476	4,548	--	--	--
1959	507,519	28,393	3,288	--	--	--
1960	705,939	35,259	4,295	--	--	--
1961	483,600	23,393	2,873	--	--	--
1962	682,014	31,657	3,916	--	--	--
1963	534,053	25,459	3,030	--	--	--
1964	760,821	35,428	3,637	--	--	--
1965	779,870	36,758	3,839	--	--	--
1966	914,911	47,136	4,593	--	--	--
1967	1,089,490	60,939	5,450	--	--	--
1968	979,410	74,938	7,171	--	--	--
1969	1,431,797	70,458	5,429	--	--	--
1970	1,318,806	65,466	5,389	--	--	--
1971	1,821,640	98,749	6,889	--	--	--
1972	1,652,143	91,884	6,259	--	--	--
1973	1,582,664	116,925	8,147	--	--	--
1974	1,367,493	154,447	10,679	--	--	--
1975	1,158,055	131,381	7,839	51	254	32
1976	1,329,099	194,564	9,417	--	--	--
1977	328,928	60,411	3,992	--	--	--
1978	93,698	19,378	2,423	--	--	--
1979	116,630	24,406	3,051	--	--	--
1980	98,100	44,893	5,612	--	--	--
TOTALS	35,962,836	2,508,634	184,986	51	254	32

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	19,140,541	9,716,818	1,142,273
1954	--	--	--	1,689,985	431,761	48,157
1955	--	--	--	1,921,211	418,861	46,669
1956	--	--	--	1,670,854	362,063	39,350
1957	--	--	--	1,513,355	429,835	50,138
1958	--	--	--	1,395,837	570,662	67,304
1959	--	--	--	1,133,030	534,712	60,973
1960	--	--	--	1,564,296	494,099	56,528
1961	--	--	--	1,448,027	509,217	55,063
1962	--	--	--	1,776,379	617,464	65,524
1963	--	--	--	2,102,222	771,599	79,073
1964	--	--	--	4,352,331	1,356,176	169,441
1965	--	--	--	5,115,424	1,539,048	191,328
1966	--	--	--	9,239,978	2,009,274	273,615
1967	--	--	--	9,733,074	2,390,369	292,714
1968	--	--	--	13,805,909	3,050,234	371,862
1969	--	--	--	15,792,548	3,228,670	393,772
1970	--	--	--	16,241,210	3,179,823	389,610
1971	--	--	--	17,011,638	3,791,209	467,185
1972	--	--	--	16,184,670	4,076,855	537,381
1973	--	--	--	16,188,088	3,878,677	480,755
1974	--	--	--	15,333,087	5,236,236	645,105
1975	1,054	18	149	13,750,595	5,397,738	661,708
1976	--	--	--	14,344,532	7,253,873	859,674
1977	410	81	10	14,316,147	13,825,314	1,657,720
1978	8,667	12,402	12,391	13,007,056	14,756,730	1,844,230
1979	--	--	--	11,361,599	16,391,505	1,854,042
1980	--	--	(12,402)	11,042,874	21,475,414	2,354,096
TOTALS	10,131	12,501	148	252,196,047	126,694,216	15,154,498

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,510,833	5,990,593	400,910	852,020	282,394	2,270
1954	10,643	29,051	1,437	1,028	337	3
1955	46,700	133,667	8,162	7,791	1,533	22
1956	76,033	236,118	3,737	9,448	1,991	14
1957	5,995	19,263	882	5	1	--
1958	4,050	11,879	594	177	12	1
1959	6,104	18,595	889	112,320	1,151	494
1960	19,460	53,911	2,081	2,329,200	329,341	11,790
1961	23,056	61,175	2,551	1,028,151	14,505	5,747
1962	52,319	141,411	4,596	911,249	118,319	4,626
1963	48,211	141,313	4,282	896,434	13,325	4,908
1964	63,825	171,201	8,523	748,491	111,005	5,771
1965	28,239	75,040	9,398	297,967	45,868	5,704
1966	65,305	180,803	23,738	779,500	113,849	14,368
1967	58,580	171,765	22,615	1,000,511	152,757	19,144
1968	60,783	192,992	25,153	1,038,402	156,058	19,515
1969	51,836	162,693	21,574	1,454,812	213,213	26,655
1970	35,551	112,806	14,051	1,283,005	197,840	24,739
1971	30,439	103,796	12,987	1,399,998	213,119	26,647
1972	34,465	117,188	14,652	1,422,017	228,381	28,660
1973	33,751	136,604	17,082	1,416,204	256,701	32,476
1974	26,787	217,363	27,178	1,363,963	343,147	42,798
1975	34,257	273,173	34,155	1,630,888	556,340	68,314
1976	42,673	401,840	50,236	1,715,301	674,540	83,119
1977	38,720	341,099	42,644	1,599,900	828,753	107,458
1978	37,473	381,323	48,991	2,896,013	2,535,582	446,496
1979	38,682	464,925	58,148	3,868,056	6,381,828	796,671
1980	35,274	964,544	123,458	4,055,530	8,189,761	1,032,728
TOTALS	3,520,044	11,296,131	984,704	34,318,381	22,961,651	2,811,438

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,481,082	466,263	6,888	--	--	--
1954	55,213	2,280	24	--	--	--
1955	168,445	7,646	106	--	--	--
1956	203,269	10,418	110	--	--	--
1957	70,470	4,524	29	--	--	--
1958	26,457	1,220	11	--	--	--
1959	16,513	700	8	--	--	--
1960	6,430	254	3	--	--	--
1961	6,737	245	3	--	--	--
1962	7,846	250	3	--	--	--
1963	4,033	145	2	--	--	--
1964	5,318	182	2	--	--	--
1965-67	--	--	--	--	--	--
1968	1,102	132	17	--	--	--
1969	--	--	--	--	--	--
1970	64	136	17	--	--	--
1971	--	89	11	--	--	--
1972	691	76	10	--	--	--
1973	1,116	100	13	--	--	--
1974	856	181	22	--	--	--
1975	42,080	11,050	1,388	509	52	14
1976	--	--	--	529	59	14
1977	156	203	25	--	--	--
1978	1,151	1,235	154	2,145	2,040	2,040
1979	856	875	109	--	--	--
1980	770	1,380	173	--	--	--
TOTALS	10,100,655	509,594	9,128	3,182	2,151	2,068

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	12,843,935	6,739,250	410,068
1954	66,884	31,668	1,464
1955	222,936	142,846	8,290
1956	288,750	248,527	3,861
1957	76,470	23,798	911
1958	30,684	13,111	606
1959	134,937	20,446	1,391
1960	2,355,090	383,506	13,874
1961	1,057,944	175,925	8,301
1962	971,414	259,980	9,225
1963	948,678	154,782	9,192
1964	817,634	232,388	14,296
1965	326,206	120,908	15,102
1966	844,805	294,652	38,106
1967	1,059,091	324,522	41,759
1968	1,100,287	339,182	44,685
1969	1,506,648	375,906	48,229
1970	1,318,620	310,782	38,807
1971	1,430,437	317,004	39,645
1972	1,457,173	345,645	43,322
1973	1,451,071	393,405	49,571
1974	1,391,606	560,691	69,998
1975	1,907,733	840,615	103,871
1976	1,758,503	1,076,439	133,369
1977	1,638,776	1,170,055	150,127
1978	2,936,782	3,920,180	497,681
1979	3,907,594	6,847,628	855,228
1980	4,091,574	9,155,685	1,156,359
TOTALS	47,942,262	34,769,527	3,807,338

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1966	--	--	--	64,086	9,665	1,611
1967	--	--	--	78,332	10,190	1,698
1968	4,845	14,487	2,414	118,503	19,495	3,249
1969	23,487	72,834	12,139	590,107	92,327	15,619
1970	12,530	39,533	6,589	432,278	67,204	10,971
1971	8,281	28,125	4,688	377,040	58,976	9,830
1972	6,602	22,228	3,705	256,906	42,252	7,164
1973	9,020	39,468	6,101	230,838	41,373	6,628
1974	7,116	54,030	8,063	210,896	37,955	6,326
1975	9,792	95,888	14,680	486,588	279,794	46,632
1976	14,985	168,272	26,382	437,948	419,344	69,892
1977	4,597	37,135	6,189	404,751	340,609	56,783
1978	5,373	79,553	13,259	376,793	293,222	48,870
1979	8,611	149,104	24,851	415,914	549,182	91,530
1980	8,028	216,542	36,090	561,481	789,494	121,582
TOTALS	123,267	1,017,199	165,150	5,051,469	3,051,172	508,385

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1966	--	--	--	64,066	9,665	1,611
1967	--	--	--	78,332	10,190	1,698
1968	--	--	--	123,348	33,982	5,663
1969	549,565	21,659	1,203	1,162,159	186,820	28,961
1970	538,101	121,624	1,612	982,909	228,361	19,172
1971	479,377	28,625	1,590	864,706	115,726	16,108
1972	336,454	22,243	1,226	599,962	86,723	12,105
1973	336,288	25,620	1,423	585,146	106,461	14,152
1974	279,084	36,926	2,051	497,086	128,911	16,440
1975	324,122	41,739	2,319	820,512	417,421	63,631
1976	208,838	306,292	1,507	661,771	893,908	97,781
1977	188,272	24,637	2,758	597,620	402,471	65,730
1978	207,420	41,838	6,899	589,586	414,613	69,028
1979	314,623	64,084	9,573	739,148	762,370	125,954
1980	511,825	183,840	25,607	1,081,334	1,189,876	193,279
TOTALS	4,273,969	919,127	57,778	9,448,705	4,987,498	731,313

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	155,155,499	273,337,165	31,184,201	126,925,703	5,456,098	771,061
1954	8,779,838	24,103,871	2,721,518	8,499,957	728,514	83,518
1955	8,649,918	24,014,237	2,583,354	9,936,142	866,969	96,919
1956	8,679,044	23,946,159	2,591,560	12,976,388	1,228,986	124,719
1957	8,936,383	27,031,198	2,874,856	14,254,457	1,376,213	131,626
1958	8,646,739	25,472,991	2,732,084	14,145,537	1,418,213	140,735
1959	9,340,828	25,123,867	2,653,228	14,623,406	1,497,044	143,961
1960	8,317,586	23,842,959	2,524,461	13,446,138	1,586,234	153,929
1961	8,052,705	23,692,231	2,477,139	16,235,073	2,044,723	219,504
1962	7,509,159	21,821,092	2,245,465	16,247,795	2,166,822	238,421
1963	7,609,233	21,683,718	2,205,255	15,864,187	2,129,852	245,452
1964	7,505,059	21,313,981	2,148,809	16,823,136	2,399,417	275,377
1965	7,100,550	19,858,638	2,333,186	15,349,236	2,035,939	255,415
1966	7,081,826	19,800,528	2,491,680	15,466,411	1,973,059	258,582
1967	7,790,010	22,734,358	2,853,026	19,038,926	2,750,348	354,657
1968	7,809,112	23,830,472	2,931,088	19,990,031	2,625,516	335,293
1969	7,493,673	24,094,293	2,956,117	25,733,390	3,471,004	446,370
1970	7,137,732	23,397,524	2,881,368	28,758,630	3,977,942	488,780
1971	6,778,832	23,710,368	2,942,537	21,867,862	3,224,860	408,386
1972	6,543,382	22,911,143	2,894,126	23,599,342	3,680,648	510,917
1973	5,300,760	22,165,170	2,783,688	29,918,947	6,338,369	785,200
1974	4,690,427	33,880,651	4,218,952	29,226,630	7,263,418	887,531
1975	4,848,991	42,766,626	5,509,943	18,807,214	9,486,432	1,101,081
1976	4,842,407	46,218,026	6,288,891	27,421,211	21,563,955	2,866,547
1977	4,040,654	40,849,197	5,383,935	25,923,932	26,394,042	3,596,230
1978	4,430,898	48,608,461	6,697,239	24,576,526	31,972,859	4,267,435
1979	3,561,173	57,791,807	7,712,543	25,480,200	39,198,333	4,991,126
1980	3,679,365	92,375,905	12,480,631	25,294,586	42,135,536	5,962,793
TOTALS	340,311,783	1,100,376,636	132,300,880	655,431,002	228,991,355	30,142,465

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	494,873,982	22,542,613	836,339	--	--	--
1954	34,439,588	1,509,205	51,600	--	--	--
1955	38,688,524	1,683,816	56,722	--	--	--
1956	44,744,709	2,014,121	66,883	--	--	--
1957	46,188,731	1,944,441	62,664	--	--	--
1958	42,324,317	2,127,708	67,847	--	--	--
1959	37,489,816	1,960,981	62,003	--	--	--
1960	36,488,758	1,865,299	59,183	--	--	--
1961	39,354,704	1,863,046	61,017	--	--	--
1962	32,196,222	1,474,330	48,312	--	--	--
1963	28,953,061	1,304,698	41,715	--	--	--
1964	28,748,238	1,271,105	41,372	--	--	--
1965	19,578,109	866,273	32,915	--	--	--
1966	16,787,553	822,226	35,188	--	--	--
1967	28,066,711	1,561,324	65,732	--	--	--
1968	5,238,325	137,987	6,369	--	--	--
1969	16,241,772	(574,676)	(22,971)	--	--	--
1970	16,233,481	2,168,612	93,662	--	--	--
1971	14,925,969	852,451	37,596	--	--	--
1972	16,387,459	1,226,878	53,611	--	--	--
1973	21,748,823	1,614,450	86,392	--	--	--
1974	3,726,445	1,263,288	51,985	--	--	--
1975	9,066,846	1,205,081	60,046	--	--	--
1976	9,028,782	4,639,022	78,076	--	--	--
1977	3,706,753	703,284	43,225	--	--	--
1978	1,062,599	217,870	28,484	30	369	62
1979	525,201	193,871	22,444	--	--	--
1980	1,329,112	448,476	65,572	--	--	--
TOTALS	1,088,144,590	58,907,780	2,193,983	30	369	62

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	776,955,184	301,335,876	32,791,601
1954	--	--	--	51,719,383	26,341,590	2,856,636
1955	--	--	--	57,274,584	26,565,022	2,736,995
1956	--	--	--	66,400,141	27,189,266	2,783,162
1957	--	--	--	69,379,571	30,351,852	3,069,146
1958	--	--	--	65,116,593	29,018,912	2,940,666
1959	--	--	--	61,454,050	28,581,892	2,859,192
1960	--	--	--	58,252,482	27,294,492	2,737,573
1961	--	--	--	63,642,482	27,600,010	2,758,060
1962	--	--	--	55,953,176	25,462,244	2,532,198
1963	--	--	--	52,426,481	25,118,266	2,492,422
1964	--	--	--	53,076,433	24,984,503	2,465,558
1965	--	--	--	42,027,895	22,760,850	2,621,516
1966	--	--	--	39,335,790	22,595,813	2,785,850
1967	--	--	--	54,895,647	27,046,030	3,273,415
1968	--	--	--	33,037,468	26,593,975	3,272,850
1969	--	--	--	49,468,344	26,990,621	3,379,516
1970	--	--	--	52,129,843	29,544,078	3,463,810
1971	--	--	--	43,572,663	27,787,679	3,388,519
1972	--	--	--	46,530,183	27,818,669	3,458,654
1973	--	--	--	56,968,530	30,117,989	3,655,280
1974	--	--	--	36,643,502	42,407,357	5,158,468
1975	--	--	--	32,723,051	52,458,139	6,671,070
1976	12,054	23,867	3,978	41,304,454	72,444,870	9,237,492
1977	18,446	28,138	4,690	33,689,785	67,974,661	9,028,080
1978	2,694	4,719	787	30,072,747	80,804,278	10,994,007
1979	--	--	--	29,566,574	96,184,011	12,726,113
1980	--	--	--	30,303,063	134,959,917	18,508,996
TOTALS	33,194	56,724	9,455	2,083,920,599	1,388,332,864	164,646,845

OIL AND GAS OPERATIONS

ALL LANDS

PENNSYLVANIA

ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	602	2,400	288	802	224	28
1959	264	1,065	133	1,452	406	51
1960	80	367	46	468	130	16
1961	43	209	24	432	121	15
1962	--	--	--	936	262	33
1963	--	--	--	247,769	68,143	8,512
1964	--	--	--	1,383,158	570,047	47,547
1965	--	--	--	584,547	160,757	20,095
1966	--	--	--	221,126	58,455	7,307
1967	--	--	--	122,045	32,265	4,033
1968	--	--	--	51,902	13,724	1,716
1969	--	--	--	60,697	16,042	2,005
1970	--	--	--	49,087	13,505	1,688
1971	--	--	--	42,886	11,342	1,415
1972	--	--	--	27,684	7,320	915
1973-80	--	--	--	--	--	--
TOTALS	989	4,041	401	2,794,991	952,753	95,385

OIL AND GAS OPERATIONS

ALL LANDS ACQUIRED LANDS ONLY

PENNSYLVAN

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY (T) TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	1,404	2,634	316
1959	1,716	1,471	184
1960	548	497	62
1961	475	330	39
1962	936	262	33
1963	247,769	68,143	8,518
1964	1,383,158	570,047	47,547
1965	584,547	160,757	20,095
1966	221,126	58,455	7,307
1967	122,045	32,265	4,033
1968	51,902	13,724	1,716
1969	60,697	16,042	2,005
1970	49,087	13,505	1,688
1971	42,386	11,342	1,418
1972	27,684	7,320	915
1973-80	--	--	--
TOTALS	2,795,980	956,794	95,876

OIL AND GAS OPERATIONS

ALL LANDS

S.DAKOTA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	16,846	34,089	4,261	--	--	--
1960	8,356	16,009	2,003	--	--	--
1961	10,190	19,048	2,381	--	--	--
1962	8,243	15,167	1,896	--	--	--
1963	5,783	11,080	1,385	--	--	--
1964	6,928	13,371	1,671	--	--	--
1965	4,839	9,311	1,164	--	--	--
1966	5,892	11,504	1,438	--	--	--
1967	4,342	8,835	1,104	--	--	--
1968	6,470	13,393	1,674	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,801	3,870	484	--	--	--
1971	72,656	211,017	26,451	--	--	--
1972	72,159	210,479	26,387	--	--	--
1973	58,246	195,674	24,459	--	--	--
1974	57,685	359,363	48,859	--	--	--
1975	39,534	298,369	42,055	--	--	--
1976	36,956	276,468	38,162	--	--	--
1977	66,711	612,449	81,723	--	--	--
1978	133,342	1,577,936	199,417	--	--	--
1979	153,318	2,199,633	284,100	152,019	304,515	38,064
1980	132,474	3,481,561	438,820	436,131	981,656	122,707
TOTALS	907,189	9,588,451	1,231,122	588,150	1,286,171	160,771

OIL AND GAS OPERATIONS

ALL LANDS

S. DAKOTA

GASOLINE AND LPG

GAS LOST

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	5,745	16,832	2,104	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	1,369	711	89
1976	--	--	--	898	476	60
1977	--	--	--	632	1,238	155
1978	--	--	--	644	961	120
1979	--	--	--	222	343	43
1980	--	--	--	--	--	--
TOTALS	5,745	16,832	2,104	3,765	3,729	467

OIL AND GAS OPERATIONS

ALL LANDS

S.DAKOTA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	16,846	34,080	4,261
1960	8,356	16,009	2,003
1961	10,190	19,048	2,381
1962	8,243	15,167	1,896
1963	5,783	11,080	1,365
1964	6,928	13,371	1,671
1965	4,839	9,311	1,164
1966	5,892	11,504	1,438
1967	4,342	8,835	1,104
1968	6,470	13,393	1,674
1969	4,418	9,825	1,228
1970	1,801	3,870	484
1971	78,401	227,849	28,555
1972	72,159	210,479	26,387
1973	58,246	195,674	24,459
1974	57,685	359,363	48,859
1975	40,903	299,080	42,144
1976	37,854	276,944	38,222
1977	67,343	613,687	81,878
1978	133,986	1,578,897	199,537
1979	305,559	2,504,491	322,207
1980	568,605	4,463,217	561,527
TOTALS	1,504,849	10,895,183	1,394,464

OIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	16,846	34,089	4,261	--	--	--
1960	8,356	16,009	2,003	--	--	--
1961	10,190	19,048	2,381	--	--	--
1962	8,243	15,167	1,896	--	--	--
1963	5,783	11,080	1,385	--	--	--
1964	6,928	13,371	1,671	--	--	--
1965	4,839	9,311	1,164	--	--	--
1966	5,892	11,504	1,438	--	--	--
1967	4,342	8,835	1,104	--	--	--
1968	6,470	13,393	1,674	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,801	3,870	484	--	--	--
1971	71,932	209,232	26,154	--	--	--
1972	71,416	208,652	26,082	--	--	--
1973	58,246	195,674	24,459	--	--	--
1974	48,093	264,838	33,105	--	--	--
1975	30,299	184,161	23,020	--	--	--
1976	29,251	190,004	23,751	--	--	--
1977	55,028	488,445	61,056	--	--	--
1978	128,942	1,525,742	190,718	--	--	--
1979	139,525	1,980,143	247,518	152,019	304,515	38,064
1980	115,462	2,919,009	364,876	436,131	981,656	122,707
TOTALS	832,302	8,331,402	1,041,428	588,150	1,286,171	160,771

OIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	5,745	16,832	2,104	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	1,369	711	89
1976	--	--	--	898	476	60
1977	--	--	--	632	1,238	155
1978	--	--	--	644	961	120
1979	--	--	--	222	343	43
1980	--	--	--	--	--	--
TOTALS	5,745	16,832	2,104	3,765	3,725	467

OIL AND GAS OPERATIONS

PUBLIC LANDS

S. DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	16,846	34,089	4,261
1960	8,356	16,009	2,003
1961	10,190	19,046	2,381
1962	8,243	15,167	1,896
1963	5,783	11,080	1,385
1964	6,928	13,371	1,671
1965	4,839	9,311	1,164
1966	5,892	11,504	1,438
1967	4,342	8,835	1,104
1968	6,470	13,393	1,674
1969	4,418	9,825	1,228
1970	1,801	3,870	484
1971	77,677	226,064	28,258
1972	71,416	208,652	26,092
1973	58,246	195,674	24,459
1974	48,093	264,638	33,105
1975	31,668	184,872	23,109
1976	30,149	190,480	23,811
1977	55,660	489,683	61,211
1978	129,588	1,526,703	190,838
1979	291,766	2,285,001	285,625
1980	551,593	3,900,665	487,593
TOTALS	1,429,967	9,638,134	1,204,770

OIL AND GAS OPERATIONS

ACQUIRED LANDS

S. DAKOTA

CALENDAR YEAR	O I L			- TOTAL ALL PRODUCTS -		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1920	13,306	475,547	59,443	13,306	475,547	59,443
TOTALS	13,306	475,547	59,443	13,306	475,547	59,443
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OIL AND GAS OPERATIONS

INDIAN LANDS

S.DAKOTA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	724	1,785	297	724	1,785	297
1972	743	1,827	305	743	1,827	305
1973	--	--	--	--	--	--
1974	9,592	94,525	15,754	9,592	94,525	15,754
1975	9,235	114,208	19,035	9,235	114,208	19,035
1976	7,705	86,464	14,411	7,705	86,464	14,411
1977	11,683	124,004	20,667	11,683	124,004	20,667
1978	4,400	52,194	8,699	4,400	52,194	8,699
1979	13,793	219,490	36,582	13,793	219,490	36,582
1980	3,706	87,005	14,501	3,706	87,005	14,501
TOTALS	61,581	781,502	130,251	61,581	781,502	130,251

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	650,611	1,767,169	162,113	--	--	--
1954	20,741	56,615	7,720	--	--	--
1955	25,530	73,380	8,847	--	--	--
1956	219,132	657,704	97,823	--	--	--
1957	258,924	845,348	144,595	--	--	--
1958	184,592	613,682	103,020	--	--	--
1959	156,944	509,648	83,786	--	--	--
1960	177,048	579,880	92,251	--	--	--
1961	517,769	2,053,503	230,110	--	--	--
1962	416,549	1,356,926	178,004	--	--	--
1963	356,362	1,141,327	173,682	--	--	--
1964	536,094	1,691,951	271,572	--	--	--
1965	528,160	1,589,404	255,706	--	--	--
1966	1,309,090	4,007,355	659,610	--	--	--
1967	1,493,203	4,630,436	766,428	1,703,385	5,305,062	884,177
1968	2,012,603	6,422,657	1,061,532	1,377,985	4,454,244	742,372
1969	1,707,924	5,837,489	963,188	1,245,536	4,361,621	726,926
1970	1,253,293	4,380,039	722,615	1,146,941	4,098,461	683,077
1971	888,525	3,256,845	532,247	974,584	3,674,607	612,435
1972	1,083,694	4,060,897	664,929	827,955	3,197,222	522,081
1973	837,933	3,292,358	537,330	921,970	4,411,721	729,876
1974	570,779	3,231,040	519,576	929,212	7,307,134	1,201,746
1975	436,413	2,464,953	390,367	1,001,567	7,834,357	1,290,315
1976	875,555	7,970,517	1,253,536	288,863	3,611,930	602,046
1977	329,539	3,076,684	466,995	715,470	7,219,110	1,201,514
1978	1,054,835	10,699,545	1,715,782	1,167,534	13,634,861	2,272,490
1979	2,295,928	28,256,605	4,610,958	1,464,382	16,608,588	2,767,935
1980	8,900,057	169,253,987	28,039,472	1,800,632	32,864,325	5,477,282
TOTALS	29,097,827	273,777,944	44,743,794	15,566,056	118,583,262	19,724,672

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	< OIL AND CONDENSATE >			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	650,611	1,767,169	162,113	1,192,269	329,402	10,664
1954	20,741	56,615	7,720	871,360	200,669	8,157
1955	25,530	73,380	8,847	632,799	93,339	7,545
1956	219,132	657,704	97,823	918,369	142,085	12,275
1957	258,924	845,348	144,595	2,035,850	316,934	31,788
1958	184,592	613,682	103,020	1,441,710	180,021	24,721
1959	156,944	509,648	83,786	1,172,620	136,623	18,401
1960	177,048	579,880	92,251	1,558,454	248,390	32,646
1961	517,769	2,053,503	230,110	4,987,147	1,235,207	155,982
1962	416,549	1,356,926	178,004	3,987,373	749,360	120,762
1963	356,362	1,141,327	173,682	3,843,708	666,676	94,461
1964	536,094	1,691,951	271,572	4,147,021	669,052	103,551
1965	528,160	1,589,404	255,706	4,313,449	723,787	115,852
1966	1,309,090	4,007,355	659,610	46,958,512	7,675,364	1,273,073
1967	3,196,588	9,935,498	1,650,605	104,757,902	17,896,255	2,977,627
1968	3,390,588	10,876,901	1,803,904	114,165,492	18,509,797	3,080,257
1969	2,953,460	10,199,110	1,690,114	130,280,562	20,968,194	3,496,420
1970	2,400,234	8,478,500	1,405,692	136,453,655	21,354,145	3,554,867
1971	1,863,109	6,931,452	1,144,682	130,610,073	20,522,705	3,407,867
1972	1,911,689	7,258,119	1,197,010	150,160,057	25,320,678	4,216,833
1973	1,759,903	7,704,079	1,267,206	153,078,389	28,721,884	4,764,606
1974	1,499,991	10,538,174	1,721,322	162,649,358	32,229,625	5,352,693
1975	1,437,980	10,299,310	1,680,682	125,477,730	35,716,400	5,911,879
1976	1,164,418	11,582,447	1,885,582	93,778,209	29,583,714	4,915,428
1977	1,045,009	10,295,803	1,668,909	88,097,550	52,956,547	8,793,961
1978	2,222,369	24,334,406	3,988,272	232,944,923	287,097,083	47,764,836
1979	3,760,310	44,865,193	7,378,803	513,475,624	900,659,652	149,815,516
1980	10,700,689	202,118,322	33,516,754	625,986,249	1,306,937,779	217,604,591
TOTALS	44,663,883	392,361,206	64,468,466	2,839,976,214	2,811,841,267	467,668,659

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,970,974	188,514	10,245	--	--	--
1954	339,852	12,004	1,500	--	--	--
1955	299,011	10,921	1,365	--	--	--
1956	604,611	27,165	2,118	--	--	--
1957	1,620,857	93,314	5,896	--	--	--
1958	927,704	47,177	4,210	--	--	--
1959	931,364	46,553	4,216	--	--	--
1960	1,763,137	95,226	13,017	--	--	--
1961	4,946,263	256,182	44,618	--	--	--
1962	3,374,478	166,260	26,616	--	--	--
1963	4,076,134	196,001	29,357	--	--	--
1964	3,993,336	212,329	34,132	--	--	--
1965	3,715,726	191,818	31,279	--	--	--
1966	3,368,200	174,713	28,535	--	--	--
1967	3,794,393	213,286	34,802	--	--	--
1968	3,604,996	175,646	28,799	--	--	--
1969	3,384,734	124,342	20,325	--	--	--
1970	50,727,355	2,077,334	170,433	--	--	--
1971	88,632,538	3,836,217	301,569	--	--	--
1972	85,214,288	3,718,204	289,765	--	--	--
1973	79,928,709	3,841,073	304,042	--	--	--
1974	73,268,987	5,669,462	461,236	132	689	87
1975	35,637,214	3,189,332	282,813	--	--	--
1976	25,840,106	4,004,143	492,821	--	--	--
1977	21,603,200	3,765,959	449,355	887	10,090	1,682
1978	4,984,071	898,498	118,346	1,616	19,608	3,264
1979	772,648	201,643	29,653	694	17,075	2,846
1980	287,885	120,356	16,719	1,212	16,965	2,828
TOTALS	511,612,771	33,553,672	3,237,802	4,542	64,427	10,707

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	5,813,854	2,285,085	182,422
1954	--	--	--	1,231,953	269,288	17,377
1955	--	--	--	957,340	177,640	17,757
1956	--	--	--	1,742,112	826,954	112,216
1957	--	--	--	3,915,631	1,255,496	182,279
1958	--	--	--	2,554,006	840,880	121,951
1959	--	--	--	2,260,928	692,824	106,403
1960	--	--	--	3,498,639	923,496	138,214
1961	--	--	--	10,451,179	3,544,892	430,710
1962	--	--	--	7,778,400	2,272,546	325,382
1963	--	--	--	8,276,204	2,004,004	297,500
1964	--	--	--	8,676,451	2,573,332	409,655
1965	--	--	--	8,557,335	2,565,009	402,837
1966	--	--	--	51,635,002	11,857,432	1,962,118
1967	--	--	--	111,748,883	28,045,039	4,663,034
1968	--	--	--	121,161,076	29,562,344	4,912,960
1969	--	--	--	136,618,756	31,291,646	5,206,859
1970	--	--	--	189,581,244	31,909,979	5,120,592
1971	--	--	--	221,106,520	31,290,374	4,854,138
1972	--	--	--	237,286,034	36,297,001	5,703,608
1973	--	--	--	234,767,001	40,267,036	6,335,854
1974	45,270	10,422	1,590	237,462,738	48,448,372	7,536,928
1975	74,316	14,113	2,098	162,627,240	49,219,155	7,877,472
1976	35,821	11,094	1,708	120,818,554	45,181,398	7,295,539
1977	108,094	93,562	15,589	110,854,740	67,121,961	10,929,496
1978	1,142,718	1,164,442	194,044	241,295,697	313,514,037	52,068,762
1979	369,606	678,123	112,976	518,378,682	946,421,686	157,340,284
1980	60,810	2,156,165	359,362	637,036,846	1,511,349,587	251,500,254
TOTALS	1,836,635	4,127,921	687,367	3,398,094,045	3,241,948,493	536,073,001

OIL AND GAS OPERATIONS

PUBLIC LANDS

TEXAS

CALENDAR YEAR	<----- GAS ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	24	--	--	24	--	--
1972-80	--	--	--	--	--	--
TOTALS	24	0	0	24	0	0

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	O I L			C O N D E N S A T E		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	1,956	5,905	979	--	--	--
1956	13,284	40,259	6,675	--	--	--
1957	5,792	19,889	3,296	--	--	--
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	98	284	47	--	--	--
1961	--	--	--	--	--	--
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	1,703,385	5,305,062	884,177
1968	1,732,657	5,535,456	922,577	1,377,985	4,454,244	742,372
1969	1,514,315	5,191,533	865,045	1,245,536	4,361,621	726,926
1970	1,100,107	3,856,600	642,715	1,146,941	4,098,461	683,077
1971	710,463	2,610,868	431,713	974,584	3,674,607	512,435
1972	905,023	3,407,703	563,322	827,995	3,197,227	532,081
1973	695,859	2,717,407	449,665	921,970	4,411,721	729,876
1974	452,613	2,487,210	411,732	929,212	7,307,134	1,201,746
1975	338,569	1,815,153	299,518	1,001,567	7,834,357	1,290,215
1976	765,691	7,190,769	1,176,789	288,863	3,611,930	602,046
1977	193,567	1,896,955	312,836	715,470	7,219,119	1,201,914
1978	940,065	9,710,791	1,585,896	1,167,534	13,634,861	2,272,490
1979	2,131,164	26,586,056	4,435,156	1,464,382	16,608,588	2,767,935
1980	8,701,375	165,998,061	27,666,050	1,800,632	32,864,335	5,477,282
TOTALS	22,312,841	245,556,845	40,854,984	15,566,056	118,593,262	19,724,672

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<- OIL AND CONDENSATE ->			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	1,956	5,905	979	--	--	--
1956	13,284	40,259	6,675	--	--	--
1957	5,792	19,889	3,296	4,797	480	84
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	98	284	47	--	--	--
1961	--	--	--	--	--	--
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	42,059,386	6,915,584	1,152,598
1967	2,865,786	8,930,485	1,488,413	99,952,946	17,087,626	2,847,938
1968	3,110,642	9,989,700	1,664,949	107,910,787	18,072,163	3,012,028
1969	2,759,851	9,553,154	1,591,971	127,096,982	20,447,082	3,407,848
1970	2,247,048	7,955,061	1,325,792	133,300,404	20,816,080	3,469,347
1971	1,685,047	6,285,475	1,044,148	127,357,908	19,965,436	3,327,573
1972	1,733,018	6,604,925	1,095,403	147,156,459	24,773,734	4,128,657
1973	1,617,829	7,129,128	1,179,541	140,672,637	27,766,325	4,627,694
1974	1,381,825	9,794,344	1,613,478	159,979,401	31,695,920	5,282,655
1975	1,340,136	9,649,510	1,589,833	122,572,764	34,696,435	5,782,740
1976	1,054,554	10,802,699	1,778,835	92,582,425	29,148,079	4,858,005
1977	909,037	9,116,074	1,514,750	86,943,285	52,061,701	8,676,941
1978	2,107,599	23,345,652	3,858,386	231,857,450	285,943,974	47,652,320
1979	3,595,546	43,194,644	7,203,091	511,590,607	998,140,521	149,690,101
1980	10,502,007	198,862,396	33,143,332	624,642,526	1,304,676,689	217,446,169
TOTALS	37,878,897	364,140,107	60,579,656	2,765,681,764	2,792,207,829	465,362,998

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

<--- GASOLINE AND LPG --->				<----- OIL LOST ----->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1970	47,255,294	1,925,020	145,721	--	--	--
1971	85,672,796	3,679,893	276,415	--	--	--
1972	82,440,797	3,570,724	265,883	--	--	--
1973	77,638,869	3,694,051	280,180	--	--	--
1974	71,605,533	5,514,277	437,017	132	689	87
1975	34,887,817	3,098,928	268,937	--	--	--
1976	24,957,844	3,888,403	475,139	--	--	--
1977	20,885,099	3,641,922	431,067	887	10,090	1,682
1978	4,551,631	804,765	105,315	1,604	19,510	3,253
1979	424,540	97,075	16,179	694	17,075	2,846
1980	--	--	--	1,213	16,965	2,628
TOTALS	450,320,220	29,915,058	2,701,853	4,530	64,337	10,696

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	1,956	5,905	979
1956	--	--	--	13,284	40,259	6,675
1957	--	--	--	10,589	20,369	3,360
1958	--	--	--	--	--	--
1959	--	--	--	257	847	141
1960	--	--	--	98	284	47
1961	--	--	--	--	--	--
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	--	--	--	42,941,984	9,579,731	1,596,615
1967	--	--	--	102,818,732	26,018,111	4,336,351
1968	--	--	--	113,021,429	28,061,863	4,676,977
1969	--	--	--	129,856,833	30,000,236	4,999,819
1970	--	--	--	182,802,746	30,696,161	4,940,860
1971	--	--	--	214,715,751	29,930,804	4,648,126
1972	--	--	--	231,330,274	34,949,383	5,490,243
1973	--	--	--	227,930,335	38,589,504	6,087,415
1974	45,270	10,422	1,590	233,012,161	47,015,652	7,334,827
1975	74,298	14,105	2,094	158,875,015	47,458,978	7,643,604
1976	35,821	11,094	1,708	118,630,644	43,850,275	7,113,687
1977	108,058	93,510	15,582	108,846,366	64,923,297	10,640,022
1978	1,142,354	1,163,903	193,977	239,660,638	311,277,812	51,813,251
1979	367,755	677,057	112,843	515,079,142	942,126,372	157,025,060
1980	60,810	2,156,165	359,362	635,206,556	1,505,712,215	250,951,691
TOTALS	1,834,366	4,126,256	687,156	3,255,719,777	3,190,453,587	529,342,359

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	650,611	1,767,169	162,113	410,717	248,913	2,912
1954	20,741	56,615	7,720	480,387	157,321	4,057
1955	23,574	67,475	7,868	271,218	53,358	3,883
1956	55,892	173,571	13,181	375,396	79,125	3,308
1957	11,035	35,457	4,349	712,469	161,552	7,444
1958	8,917	26,110	3,133	455,437	57,063	6,277
1959	7,608	21,161	2,599	376,837	36,011	4,094
1960	16,040	46,063	3,851	544,567	67,844	6,153
1961	163,551	463,047	31,302	365,915	34,751	5,925
1962	152,431	464,849	29,471	197,296	24,179	2,593
1963	55,092	160,091	10,937	1,003,717	152,653	11,754
1964	40,458	109,733	8,261	755,612	87,450	8,152
1965	37,554	94,884	7,027	523,299	70,998	7,343
1966	38,324	109,614	10,572	602,763	78,809	8,020
1967	55,198	120,319	15,082	556,469	77,916	7,954
1968	50,093	145,266	15,609	567,814	78,121	8,358
1969	58,138	181,933	21,079	498,683	67,460	7,022
1970	41,296	131,876	14,846	505,575	69,688	7,525
1971	40,053	134,211	15,442	1,089,713	124,617	8,240
1972	41,528	142,278	16,582	414,989	51,631	5,348
1973	38,971	155,669	17,959	2,186,046	509,738	62,713
1974	42,705	327,414	38,590	1,637,418	410,218	50,309
1975	44,784	365,138	43,522	2,602,082	940,337	115,850
1976	55,527	479,752	56,842	739,279	289,930	34,096
1977	94,538	931,826	113,030	692,852	735,724	91,114
1978	77,837	779,178	94,112	715,076	951,110	80,666
1979	127,758	1,377,680	127,127	1,488,252	2,421,216	109,933
1980	139,152	2,586,070	262,056	1,242,455	2,196,307	148,001
TOTALS	2,189,406	11,454,449	1,154,262	22,012,333	10,234,035	819,444

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,302,294	158,372	6,477	--	--	--
1954-55	--	--	--	--	--	--
1956	244,357	12,523	287	--	--	--
1957	1,234,210	79,403	4,157	--	--	--
1958	485,591	29,035	2,033	--	--	--
1959	429,054	26,029	1,650	--	--	--
1960	277,269	17,074	1,091	--	--	--
1961	(485,006)	(30,290)	(2,020)	--	--	--
1962	15,115	561	22	--	--	--
1963	448,503	16,866	767	--	--	--
1964	245,315	6,077	343	--	--	--
1965	315,259	5,285	571	--	--	--
1966	268,484	6,179	629	--	--	--
1967	500,859	10,987	1,283	--	--	--
1968	463,802	7,607	917	--	--	--
1969	395,859	5,397	633	--	--	--
1970	768,629	11,768	1,417	--	--	--
1971	656,802	15,470	1,846	--	--	--
1972	477,437	10,858	1,322	--	--	--
1973	323,734	10,201	1,220	--	--	--
1974	409,474	31,630	3,868	--	--	--
1975	272,391	22,752	2,775	--	--	--
1976	371,669	33,294	4,131	--	--	--
1977	326,577	53,862	6,723	--	--	--
1978	278,377	58,006	7,251	12	90	11
1979	217,483	69,193	7,865	--	--	--
1980	114,345	56,661	6,482	--	--	--
TOTALS	12,357,883	724,801	63,740	12	90	11

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<----- TOTAL ALL PRODUCTS ----->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	4,363,622	2,174,454	171,502
1954	--	--	--	501,128	213,936	11,777
1955	--	--	--	294,792	120,833	11,751
1956	--	--	--	675,645	265,219	16,776
1957	--	--	--	1,957,714	276,412	15,950
1958	--	--	--	949,945	112,208	11,443
1959	--	--	--	812,499	83,201	8,343
1960	--	--	--	837,876	130,981	11,095
1961	--	--	--	44,460	467,508	35,207
1962	--	--	--	364,842	489,589	32,406
1963	--	--	--	1,507,312	329,610	23,458
1964	--	--	--	1,041,385	203,260	16,756
1965	--	--	--	876,112	171,167	14,041
1966	--	--	--	909,571	194,602	19,221
1967	--	--	--	1,117,526	209,222	24,319
1968	--	--	--	1,081,709	230,994	24,884
1969	--	--	--	952,680	254,790	28,734
1970	--	--	--	1,315,500	213,332	23,788
1971	--	--	--	1,786,568	274,293	25,528
1972	--	--	--	933,954	204,767	23,252
1973	--	--	--	2,548,751	675,608	81,692
1974	--	--	--	2,089,597	769,262	92,767
1975	--	--	--	2,919,257	1,328,227	162,147
1976	--	--	--	1,166,475	802,976	95,060
1977	36	52	7	1,114,003	1,721,465	210,874
1978	364	539	67	1,071,666	1,788,923	182,107
1979	1,851	1,066	133	1,835,344	3,869,155	245,058
1980	--	--	--	1,495,952	4,839,038	416,539
TOTALS	2,251	1,657	207	36,561,885	22,415,032	2,037,664

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	781,552	80,489	7,152
1954	--	--	--	390,973	43,348	4,100
1955	--	--	--	361,581	39,981	3,662
1956	149,956	443,874	77,967	542,973	62,960	8,967
1957	242,097	790,002	136,950	1,318,584	154,802	24,260
1958	175,675	587,572	99,887	986,273	122,958	18,444
1959	149,079	487,640	81,046	795,783	100,612	14,307
1960	160,910	533,533	88,353	1,013,887	180,546	26,793
1961	354,218	1,590,456	198,808	4,621,232	1,200,456	150,057
1962	260,635	881,053	146,696	3,790,077	725,181	117,769
1963	248,466	821,472	136,118	2,839,991	514,023	82,707
1964	490,683	1,567,519	260,862	3,391,409	581,602	95,799
1965	486,859	1,484,478	247,013	3,790,150	652,789	108,509
1966	388,168	1,233,594	205,021	4,296,363	680,971	112,355
1967	275,604	884,694	147,110	4,248,487	730,713	121,735
1968	229,853	741,925	123,346	3,686,891	359,513	59,871
1969	135,471	464,023	77,064	2,684,897	453,652	81,550
1970	111,890	391,563	65,054	2,647,676	468,377	77,995
1971	138,009	511,766	85,092	2,163,228	432,657	72,054
1972	137,143	510,916	85,025	2,588,609	495,313	82,528
1973	103,103	419,282	69,706	2,218,706	445,821	74,199
1974	75,461	416,416	69,254	1,031,529	123,487	19,729
1975	53,060	294,662	47,327	302,884	79,628	12,299
1976	54,337	299,996	49,905	456,505	145,705	23,327
1977	41,434	247,903	41,129	461,413	159,122	25,906
1978	36,933	209,576	35,774	272,397	201,999	31,550
1979	37,006	292,869	48,675	396,765	97,915	15,882
1980	59,530	669,856	111,366	101,268	64,783	10,421
TOTALS	4,595,580	16,766,650	2,734,548	52,282,932	9,399,403	1,486,217

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	668,680	30,142	3,768	--	--	--
1954	339,852	12,004	1,500	--	--	--
1955	299,011	10,921	1,365	--	--	--
1956	360,254	14,642	1,831	--	--	--
1957	386,647	13,911	1,739	--	--	--
1958	442,113	18,142	2,177	--	--	--
1959	502,310	20,524	2,566	--	--	--
1960	1,485,868	78,152	11,926	--	--	--
1961	5,431,269	286,472	46,638	--	--	--
1962	3,359,363	165,699	26,594	--	--	--
1963	3,627,631	179,135	28,590	--	--	--
1964	3,748,021	206,252	33,789	--	--	--
1965	3,400,467	186,533	30,708	--	--	--
1966	3,099,716	168,534	27,906	--	--	--
1967	3,293,534	202,299	33,519	--	--	--
1968	3,141,194	168,039	27,882	--	--	--
1969	2,988,875	118,945	19,692	--	--	--
1970	2,703,432	140,546	23,295	--	--	--
1971	2,302,940	140,854	23,328	--	--	--
1972	2,296,054	136,622	22,560	--	--	--
1973	1,966,106	136,821	22,642	--	--	--
1974	1,253,980	123,555	20,351	--	--	--
1975	477,006	67,652	11,101	18	8	4
1976	510,593	82,446	13,551	--	--	--
1977	391,524	70,174	11,565	--	--	--
1978	154,063	35,727	5,780	--	--	--
1979	130,625	35,375	5,609	--	--	--
1980	173,540	63,695	10,227	--	--	--
TOTALS	48,934,668	2,913,813	472,209	18	8	4

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

← TOTAL ALL PRODUCTS →

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,450,232	110,631	10,920
1954	730,825	55,352	5,600
1955	660,592	50,902	5,027
1956	1,052,183	521,476	88,765
1957	1,947,323	958,715	162,949
1958	1,604,061	728,672	120,508
1959	1,447,172	608,776	97,919
1960	2,660,665	792,231	127,072
1961	10,406,719	3,077,364	395,593
1962	7,410,075	1,771,933	291,059
1963	6,716,068	1,514,630	247,415
1964	7,630,113	2,355,373	390,450
1965	7,677,476	2,323,800	386,230
1966	7,784,247	2,083,099	346,282
1967	7,817,625	1,817,706	302,364
1968	7,057,936	1,269,487	211,099
1969	5,809,243	1,036,620	178,206
1970	5,462,998	1,000,486	166,344
1971	4,604,177	1,085,277	180,474
1972	5,021,806	1,142,851	190,113
1973	4,287,915	1,001,924	166,547
1974	2,360,980	663,458	109,334
1975	832,969	431,950	71,721
1976	1,021,435	528,147	86,783
1977	994,371	477,199	78,600
1978	563,393	447,302	73,404
1979	564,396	426,150	70,166
1980	334,338	798,334	132,024
TOTALS	105,812,359	29,079,874	4,692,978

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	4,148,895	9,208,374	1,297,476	66,750,673	4,983,330	403,138
1954	1,223,568	3,036,565	426,049	9,132,319	996,656	165,649
1955	1,530,151	3,696,292	507,643	10,495,687	1,164,350	199,256
1956	1,870,129	4,173,559	550,238	9,328,175	1,026,696	185,669
1957	3,540,681	8,889,344	1,129,136	11,231,272	1,279,378	196,433
1958	23,250,480	69,310,265	8,737,562	13,083,323	1,959,529	237,905
1959	38,631,290	109,795,158	14,045,225	30,073,330	5,415,303	679,564
1960	35,934,751	97,452,013	13,226,302	34,235,891	6,189,584	789,226
1961	29,565,865	79,496,240	11,452,751	37,836,341	5,491,681	741,379
1962	30,233,318	81,103,974	11,856,793	41,704,485	6,868,339	887,514
1963	31,269,170	83,543,967	12,099,827	60,779,079	9,828,835	1,405,487
1964	26,163,498	68,918,962	9,808,955	42,612,664	6,396,865	865,682
1965	23,293,373	60,766,982	8,509,333	40,967,570	6,266,205	805,777
1966	21,564,158	59,617,843	7,862,007	37,565,890	6,054,122	739,490
1967	22,637,529	62,577,676	8,227,954	34,777,673	5,383,037	688,869
1968	21,111,116	56,188,208	7,769,388	33,363,284	5,089,414	660,194
1969	20,363,330	57,421,294	7,964,661	30,545,936	4,503,666	583,932
1970	20,333,683	58,326,648	8,141,544	28,853,197	4,790,619	616,266
1971	19,723,873	60,780,258	8,412,873	32,352,070	5,082,315	657,116
1972	21,595,501	64,170,276	9,024,811	24,498,377	3,863,533	502,067
1973	19,423,848	67,396,739	9,628,414	25,924,711	4,617,422	595,547
1974	21,502,043	136,094,886	19,991,569	34,837,948	6,232,760	821,254
1975	21,775,945	164,234,911	24,299,981	12,570,646	5,059,432	758,544
1976	20,151,623	155,533,281	23,189,187	23,034,617	9,478,523	1,340,701
1977	18,721,293	143,066,397	21,403,455	27,378,475	21,214,661	3,011,143
1978	16,717,039	130,782,830	19,822,183	33,666,081	27,310,493	3,682,672
1979	16,484,106	159,881,936	24,241,005	31,016,655	32,501,374	4,298,497
1980	14,955,203	246,765,448	36,629,441	30,979,805	67,148,405	9,053,333
TOTALS	547,715,459	2,302,230,326	330,255,763	849,596,174	266,196,527	35,573,804

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,105,778	45,635	1,391	2,136,068	9,437	3,834
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,984	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	1,294,606	50,101	2,112	90,447	6,331	791
1959	46,308,578	1,460,230	63,093	69,625	4,874	609
1960	84,605,934	2,923,243	135,880	60,425	4,230	529
1961	88,394,753	3,272,471	180,504	78,136	5,470	684
1962	82,014,718	2,489,824	128,287	81,920	5,734	717
1963	128,288,449	4,134,158	153,309	100,905	7,063	883
1964	76,560,337	2,153,332	106,476	96,432	6,750	844
1965	68,277,599	1,858,705	94,281	86,201	6,034	754
1966	60,920,756	2,115,585	107,774	56,390	3,947	493
1967	55,400,384	2,189,791	116,121	61,635	4,315	539
1968	98,153,414	3,978,912	179,610	54,788	3,835	479
1969	88,291,407	3,165,829	141,542	64,849	4,539	567
1970	67,754,864	2,348,683	106,385	55,040	3,853	482
1971	97,025,043	3,727,024	170,733	55,178	3,862	483
1972	75,894,760	2,962,939	137,789	61,105	4,277	535
1973	69,895,704	3,396,885	160,835	80,489	5,634	704
1974	57,228,550	4,790,738	204,139	100,739	7,052	881
1975	82,878,012	8,917,454	434,080	107,286	7,510	939
1976	75,432,376	9,309,031	448,415	105,881	7,412	926
1977	62,751,452	10,624,762	523,668	198,714	23,964	2,996
1978	51,573,479	5,904,126	293,579	222,867	27,859	3,482
1979	41,058,138	7,803,247	413,791	137,767	17,221	2,153
1980	66,006,787	27,439,695	1,483,414	--	--	--
TOTALS	1,627,115,878	117,062,400	5,787,208	4,745,457	232,090	30,190

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	OIL LOST			GAS LOST		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	--	--	--	633	327	41
1975	363	3,805	476	72,118	26,810	3,352
1976	627	4,248	531	907,915	194,288	24,427
1977	50	462	64	253,036	121,627	15,200
1978	--	--	--	43,282	90,603	11,335
1979	52	317	40	(712)	(117)	(15)
1980	--	--	--	(61,406)	(121,170)	(35,664)
TOTALS	1,092	8,832	1,111	1,214,866	312,368	18,676

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

< TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	74,141,414	14,246,776	1,705,839
1954	10,532,844	4,045,608	593,035
1955	12,158,843	4,873,626	708,063
1956	11,344,914	5,214,050	737,190
1957	14,897,945	10,180,443	1,326,671
1958	37,718,856	71,326,226	8,978,370
1959	115,082,823	116,675,565	14,788,491
1960	154,837,001	106,569,070	14,151,937
1961	155,875,095	88,265,862	12,375,318
1962	154,034,441	90,467,871	12,873,311
1963	220,437,603	97,514,023	13,659,506
1964	145,432,931	77,475,909	10,791,957
1965	132,624,743	68,897,926	9,410,145
1966	120,107,194	67,791,497	8,709,764
1967	112,877,221	70,154,819	9,033,483
1968	152,682,602	65,260,369	8,609,671
1969	139,265,522	65,095,328	8,690,702
1970	116,996,784	65,469,803	8,864,777
1971	149,156,164	69,593,459	9,241,205
1972	122,049,743	71,001,025	9,665,202
1973	115,324,752	75,416,680	10,385,900
1974	113,669,913	147,125,763	21,017,884
1975	117,404,370	178,249,922	25,497,372
1976	119,633,039	174,526,783	25,004,187
1977	109,303,020	175,051,873	24,956,526
1978	102,222,748	164,115,911	23,813,251
1979	88,696,006	200,203,973	28,956,471
1980	111,880,389	341,232,378	47,130,524
TOTALS	3,030,389,926	2,686,042,543	371,666,752

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,227,679	7,365,526	1,061,105	66,750,673	4,983,330	403,138
1954	1,077,831	2,735,981	387,544	9,132,219	996,656	165,649
1955	1,254,299	3,166,115	440,856	10,489,066	1,163,688	199,172
1956	1,184,548	2,989,307	402,250	9,328,175	1,026,696	185,669
1957	2,087,056	5,800,054	742,974	11,184,901	1,273,737	195,728
1958	4,715,921	13,234,613	1,684,766	11,780,522	1,714,648	206,958
1959	5,949,312	16,071,102	2,058,708	12,917,077	1,980,236	242,777
1960	6,026,547	15,214,785	1,988,572	14,801,889	2,302,642	281,383
1961	5,793,970	14,410,223	1,809,924	17,131,181	2,451,478	298,590
1962	6,921,282	16,975,080	2,121,885	18,686,049	2,848,354	347,784
1963	9,499,892	23,832,709	2,960,022	28,711,922	4,157,548	515,120
1964	10,532,879	26,009,211	3,253,048	27,059,195	3,722,061	458,044
1965	11,200,542	27,601,130	3,476,422	30,520,732	4,414,501	522,624
1966	10,551,634	29,344,591	3,310,955	28,240,307	4,437,334	507,811
1967	11,753,542	32,292,571	3,687,538	27,212,461	4,160,085	514,101
1968	11,374,753	28,791,579	3,599,895	26,615,574	3,834,911	477,238
1969	11,200,470	29,992,080	3,759,874	25,022,196	3,542,322	440,051
1970	10,755,483	29,406,047	3,680,420	24,839,430	3,927,563	486,263
1971	11,010,163	32,365,596	4,048,853	27,460,451	4,061,041	502,093
1972	11,549,733	32,045,121	4,014,858	21,167,915	3,143,103	390,763
1973	9,128,644	29,827,409	3,733,399	22,157,745	3,751,167	462,678
1974	8,056,459	42,074,181	5,258,831	30,134,520	4,800,303	594,367
1975	7,674,832	45,750,557	5,707,877	5,857,995	1,949,949	239,737
1976	6,918,516	43,232,902	5,400,255	15,402,252	5,187,822	643,272
1977	6,504,573	41,750,992	5,217,794	18,532,951	11,489,486	1,428,693
1978	5,864,344	40,458,210	5,055,927	24,059,995	18,758,805	2,265,932
1979	5,168,335	42,233,007	5,278,437	22,876,552	23,393,919	2,885,839
1980	5,310,539	78,461,196	9,926,441	27,231,897	48,868,522	6,066,724
TOTALS	202,293,778	753,431,875	94,069,430	616,205,942	178,341,907	21,928,299

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

<--- GASOLINE AND LPG --->

<----- C O _ 2 ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,105,778	45,635	1,391	2,136,068	9,437	3,834
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,984	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	115,766	5,264	219	90,447	6,331	791
1959	5,376,075	129,050	5,394	69,625	4,874	609
1960	6,011,760	206,426	8,835	60,425	4,230	529
1961	8,809,649	534,256	42,260	78,136	5,470	684
1962	9,949,371	516,552	37,450	81,920	5,724	717
1963	8,266,625	700,895	(26,003)	100,905	7,063	883
1964	7,659,116	370,396	15,522	96,432	6,750	844
1965	10,601,568	525,223	22,339	86,201	6,034	754
1966	10,609,212	683,464	25,654	56,390	3,947	493
1967	12,229,536	688,411	28,546	61,635	4,315	539
1968	57,656,173	2,816,567	117,711	54,788	3,835	479
1969	55,199,106	2,375,867	101,286	64,849	4,539	567
1970	44,352,619	1,856,874	81,458	55,040	3,853	482
1971	58,099,818	2,594,108	112,794	55,178	3,862	483
1972	47,514,747	2,143,896	95,592	61,105	4,277	535
1973	42,106,999	2,574,586	116,375	80,489	5,634	704
1974	27,054,475	3,235,849	149,260	100,739	7,052	881
1975	42,615,785	4,913,869	221,262	107,286	7,510	939
1976	43,252,547	4,926,300	217,822	105,881	7,412	926
1977	34,668,139	4,830,918	205,436	198,714	23,964	2,996
1978	5,256,070	1,232,699	51,927	222,867	27,859	3,482
1979	22,342,253	3,545,176	193,552	137,767	17,221	2,153
1980	20,712,378	9,028,973	405,947	--	--	--
TOTALS	581,565,565	50,481,254	2,232,029	4,745,457	232,090	30,190

UTAH OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	--	--	--	633	327	41
1975	363	3,805	476	71,598	26,511	3,314
1976	602	4,125	516	843,429	150,065	18,898
1977	7	65	8	252,895	121,393	15,171
1978	--	--	--	101,409	130,243	16,290
1979	52	317	40	(712)	(117)	(15)
1980	--	--	--	(61,406)	(121,170)	(35,222)
TOTALS	1,024	8,312	1,040	1,207,846	307,252	18,477

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	73,220,198	12,403,928	1,469,468
1954	10,387,107	3,745,024	554,530
1955	11,876,375	4,342,787	641,193
1956	10,659,333	4,029,798	589,202
1957	13,397,950	7,085,512	939,804
1958	16,702,656	14,960,856	1,992,734
1959	24,312,089	18,185,262	2,307,488
1960	26,900,621	17,728,083	2,279,319
1961	31,812,936	17,401,427	2,151,458
1962	35,638,622	20,345,720	2,507,836
1963	46,579,344	28,698,215	3,450,022
1964	45,347,622	30,108,418	3,727,458
1965	52,409,043	32,546,888	4,022,139
1966	49,457,543	34,469,336	3,844,913
1967	51,257,174	37,145,382	4,230,724
1968	95,701,288	35,446,892	4,195,323
1969	91,486,621	35,914,808	4,301,778
1970	80,002,572	35,194,337	4,248,623
1971	96,625,610	39,024,607	4,664,223
1972	80,293,500	37,336,397	4,501,748
1973	73,473,877	36,158,796	4,313,156
1974	65,346,826	50,117,712	6,003,280
1975	56,327,859	52,652,201	6,173,605
1976	66,523,227	53,508,626	6,281,789
1977	60,157,279	58,216,818	6,870,098
1978	36,404,685	60,607,816	7,393,558
1979	50,524,247	69,189,523	8,360,006
1980	53,193,408	136,237,521	16,363,890
TOTALS	1,406,019,612	982,802,690	118,279,465

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION- VALUE (\$)	ROYALTY VALUE (\$)
1971	10,077	29,301	3,663	115	19	2
1972	23,047	59,497	7,437	3,608	584	73
1973	41,634	140,636	17,580	11,244	6,807	851
1974	98,690	735,682	91,960	21,636	11,574	1,447
1975	184,315	1,982,654	247,832	66,625	40,108	5,014
1976	149,529	1,601,959	200,245	94,517	116,479	14,560
1977	93,499	969,225	121,153	58,781	97,323	12,166
1978	(106,875)	(1,391,085)	(173,886)	(28,387)	(51,031)	(6,379)
1979	49,306	612,369	76,546	22,779	38,028	4,754
1980	46,985	1,032,236	129,030	18,688	36,860	4,608
TOTALS	590,207	5,772,474	721,560	269,606	296,751	37,076

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1973	17,861	1,281	77	--	--	--
1974	40,192	6,206	303	--	--	--
1975	328,109	54,116	2,407	484	279	35
1976	432,797	67,228	3,409	64,482	44,222	5,528
1977	161,400	43,361	1,441	141	234	29
1978	144,913	33,688	1,678	(58,137)	(39,646)	(4,956)
1979	131,598	48,773	2,150	--	--	--
1980	140,676	73,408	3,225	--	--	(356)
TOTALS	1,397,546	328,061	14,690	6,970	5,089	280

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	10,192	29,320	3,665
1972	26,655	60,081	7,510
1973	70,739	148,724	18,508
1974	160,518	753,462	93,710
1975	579,533	2,077,157	255,298
1976	741,325	1,829,888	223,742
1977	313,821	1,110,143	134,789
1978	(48,486)	(1,448,074)	(183,543)
1979	203,683	699,170	83,450
1980	206,349	1,142,504	136,507
TOTALS	2,264,329	6,402,375	773,626

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	921,216	1,842,848	236,371	--	--	--
1954	145,737	300,584	38,505	--	--	--
1955	275,852	530,177	66,787	6,621	662	83
1956	685,581	1,184,252	147,988	--	--	--
1957	1,453,625	3,089,290	386,162	46,371	5,641	705
1958	18,534,559	56,075,652	7,052,796	1,302,801	244,881	30,947
1959	32,681,978	93,724,056	11,986,517	17,156,253	3,435,067	436,787
1960	29,908,204	82,237,228	11,237,730	19,434,002	3,886,942	507,843
1961	23,771,895	65,086,017	9,642,827	20,705,160	3,040,203	442,789
1962	23,312,036	64,128,894	9,734,908	23,018,436	4,019,985	539,730
1963	21,769,278	59,711,258	9,139,805	32,067,157	5,671,287	890,367
1964	15,630,619	42,909,751	6,555,907	15,553,469	2,674,804	407,638
1965	12,092,831	33,165,852	5,032,911	10,446,838	1,851,704	283,153
1966	11,012,524	30,273,252	4,551,052	9,325,583	1,616,788	231,679
1967	10,883,987	30,285,105	4,540,416	7,565,212	1,222,952	174,768
1968	9,736,363	27,396,629	4,169,493	6,747,710	1,254,503	182,956
1969	9,162,860	27,429,214	4,204,787	5,523,740	961,344	143,881
1970	9,578,200	28,920,601	4,461,124	4,013,767	863,056	130,103
1971	8,703,633	28,385,361	4,360,357	4,891,504	1,021,255	155,021
1972	10,022,721	32,065,658	5,002,516	3,326,854	719,846	111,231
1973	10,253,570	37,428,694	5,877,435	3,755,722	859,446	132,418
1974	13,346,894	93,285,023	14,640,778	4,681,792	1,420,883	225,440
1975	13,916,798	116,501,700	18,344,272	6,646,026	3,069,375	513,793
1976	13,083,578	110,698,420	17,588,687	7,537,848	4,174,222	682,769
1977	12,123,221	100,346,180	16,064,508	8,786,743	9,627,852	1,570,284
1978	10,959,570	91,715,705	14,940,142	8,734,473	8,602,719	1,423,119
1979	11,266,465	117,036,560	18,886,022	8,117,324	9,069,427	1,408,904
1980	9,597,679	167,272,016	26,573,970	3,729,220	18,243,023	2,982,001
TOTALS	344,831,474	1,543,025,977	235,464,773	233,120,626	87,557,869	13,608,409

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1958	1,178,840	44,837	1,893	--	--	--
1959	40,932,503	1,331,180	57,699	--	--	--
1960	78,594,174	2,716,817	127,045	--	--	--
1961	79,585,104	2,738,215	138,244	--	--	--
1962	72,065,347	1,973,272	90,837	--	--	--
1963	120,021,824	3,433,263	179,312	--	--	--
1964	68,901,221	1,782,936	90,954	--	--	--
1965	57,676,031	1,333,482	71,942	--	--	--
1966	50,311,544	1,432,121	82,120	--	--	--
1967	43,170,848	1,501,380	87,575	--	--	--
1968	40,497,241	1,162,345	61,899	--	--	--
1969	33,092,301	789,962	40,256	--	--	--
1970	23,402,245	491,809	24,927	--	--	--
1971	38,925,225	1,132,916	57,939	--	--	--
1972	28,380,013	819,043	42,197	--	--	--
1973	27,770,844	821,018	44,383	--	--	--
1974	30,133,883	1,548,683	54,576	--	--	--
1975	39,934,118	3,949,469	210,411	--	--	--
1976	31,747,032	4,315,503	227,184	25	123	15
1977	27,921,913	5,750,483	316,791	43	397	56
1978	46,172,496	4,637,739	239,974	--	--	--
1979	18,584,287	4,209,298	218,089	--	--	--
1980	45,153,733	18,337,314	1,074,242	--	--	--
TOTALS	1,044,152,767	66,253,085	3,540,489	68	520	71

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	921,216	1,842,848	236,371
1954	--	--	--	145,737	300,584	38,505
1955	--	--	--	282,473	530,839	66,870
1956	--	--	--	685,581	1,184,252	147,988
1957	--	--	--	1,499,996	3,094,931	386,867
1958	--	--	--	21,016,200	56,365,370	7,085,636
1959	--	--	--	90,770,734	98,490,303	12,481,003
1960	--	--	--	127,936,380	88,840,987	11,872,618
1961	--	--	--	124,062,159	70,864,435	10,223,860
1962	--	--	--	118,395,819	70,122,151	10,365,475
1963	--	--	--	173,858,259	68,815,808	10,209,484
1964	--	--	--	100,085,309	47,367,491	7,054,499
1965	--	--	--	80,215,700	36,351,038	5,388,006
1966	--	--	--	70,649,651	33,322,161	4,864,851
1967	--	--	--	61,620,047	33,009,437	4,802,759
1968	--	--	--	56,981,314	29,813,477	4,414,348
1969	--	--	--	47,778,901	29,180,520	4,388,924
1970	--	--	--	36,994,212	30,275,466	4,616,154
1971	--	--	--	52,520,362	30,539,532	4,573,317
1972	--	--	--	41,729,588	33,604,547	5,155,944
1973	--	--	--	41,780,136	39,109,160	6,054,236
1974	--	--	--	48,162,569	96,254,589	14,920,794
1975	36	20	3	60,496,978	123,520,564	19,068,479
1976	4	1	1	52,368,487	119,188,269	18,498,656
1977	--	--	--	48,831,920	115,724,912	17,951,639
1978	10	6	1	65,866,549	104,956,169	16,603,236
1979	--	--	--	37,968,076	130,315,285	20,513,015
1980	--	--	(86)	58,480,632	203,652,353	30,630,127
TOTALS	50	27	81	1,622,104,985	1,696,837,478	252,613,661

OIL AND GAS OPERATIONS

WASHINGTON

ALL LANDS
INDIAN LANDS ONLY

CALENDAR YEAR	<----- GAS ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	2,939	1,170	146	2,939	1,170	146
1962-80	--	--	--	--	--	--
TOTALS	2,939	1,170	146	2,939	1,170	146

OIL AND GAS OPERATIONS

W. VIRGINIA

ALL LANDS
ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	1,759	370	2,577	1,759	370	2,577
1957	--	--	4,749	--	--	4,749
1958	6,506,360	1,690,019	219,702	6,506,360	1,690,019	219,702
1959	7,125,471	1,941,742	240,194	7,125,471	1,941,742	240,194
1960	2,575,051	695,265	86,908	2,575,051	695,265	86,908
1961	32,172	8,800	1,100	32,172	8,800	1,100
1962	28,021	7,541	943	28,021	7,541	943
1963	1,008,802	272,356	34,045	1,008,802	272,356	34,045
1964	16,436,654	4,437,873	591,705	16,436,654	4,437,873	591,705
1965	74,599	17,900	57,737	74,599	17,900	57,737
1966	11,803	3,176	55,897	11,803	3,176	55,897
1967	18,703	5,033	56,129	18,703	5,033	56,129
1968	11,043	2,972	55,871	11,043	2,972	55,871
1969	14,542	3,913	55,989	14,542	3,913	55,989
1970	21,640	5,823	56,228	21,640	5,823	56,228
1971	6,488	1,746	218	6,488	1,746	218
1972	12,965	3,489	436	12,965	3,489	436
1973	10,084	2,714	339	10,084	2,714	339
1974	8,364	2,350	294	8,364	2,350	294
1975	7,023	2,386	298	7,023	2,386	298
1976	6,677	3,147	393	6,677	3,147	393
1977	7,021	4,813	602	7,021	4,813	602
1978	9,269	7,405	926	9,269	7,405	926
1979	2,511	1,883	235	2,511	1,883	235
1980	2,533	2,085	264	2,533	2,085	264
TOTALS	33,939,555	9,124,801	1,523,779	33,939,555	9,124,801	1,523,779

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	694,004,820	1,137,320,162	149,309,050	573,295,706	40,474,551	3,638,348
1954	59,848,412	148,794,331	17,510,867	31,885,409	3,427,847	332,406
1955	64,256,423	159,510,509	18,659,527	35,290,073	3,864,123	381,311
1956	68,660,408	170,796,158	20,049,671	39,164,996	4,259,611	471,663
1957	74,427,959	203,872,396	24,374,182	56,750,130	6,423,456	798,032
1958	73,808,527	186,592,260	24,255,605	63,619,541	7,442,489	887,541
1959	82,382,501	204,108,300	26,899,237	108,409,276	13,701,679	1,639,595
1960	83,229,118	204,079,416	26,657,155	114,849,371	15,269,505	1,814,984
1961	86,036,917	213,742,095	31,077,332	132,684,315	17,897,887	1,941,534
1962	83,673,563	206,210,597	27,756,293	117,055,906	16,952,950	2,224,479
1963	86,169,900	211,961,270	28,665,388	127,749,324	18,442,773	2,229,052
1964	86,355,574	216,010,062	28,914,649	154,819,675	22,399,665	2,684,794
1965	84,535,692	222,178,840	28,079,257	151,199,591	37,119,269	2,759,728
1966	85,965,510	217,245,499	28,863,916	159,260,960	23,320,881	2,715,194
1967	86,884,761	221,433,882	30,782,083	240,975,564	29,886,146	3,373,382
1968	98,055,935	250,115,424	32,971,754	158,559,432	21,671,380	2,629,324
1969	98,934,401	276,211,735	35,843,485	167,101,266	24,521,139	3,013,250
1970	96,852,584	275,527,066	35,561,938	191,203,749	28,932,147	3,552,822
1971	91,022,454	280,852,918	35,709,612	220,829,804	34,930,202	4,313,401
1972	86,238,701	264,702,098	34,703,982	199,520,131	33,575,417	4,152,076
1973	86,596,880	331,629,253	41,610,772	214,967,769	40,682,249	5,054,599
1974	85,840,567	535,248,597	66,972,875	193,319,070	43,709,380	5,356,159
1975	84,518,797	592,878,025	74,987,133	179,673,088	59,728,630	7,512,976
1976	80,962,700	598,767,425	77,403,445	181,982,804	96,677,402	11,796,772
1977	83,103,882	639,850,116	82,549,536	189,101,706	154,509,103	18,945,025
1978	84,113,704	722,437,694	92,793,315	182,269,246	188,155,279	22,904,669
1979	79,859,917	979,389,112	124,303,364	234,468,494	298,237,539	36,972,398
1980	75,414,130	1,622,000,544	204,168,874	216,355,813	397,845,377	49,807,271
TOTALS	2,931,754,737	11,293,465,784	1,451,434,297	4,636,362,209	1,684,058,076	203,902,985

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,015,253,363	60,880,877	2,542,656	100,130	85,599	32,679
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,637	14,041
1956	42,859,884	2,901,574	121,295	24,618	111,943	10,136
1957	43,758,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	6,846,478	273,874	82,302	833,965	56,126
1959	107,377,786	5,850,887	291,374	126,529	402,846	39,117
1960	105,004,958	4,244,797	272,092	49,585	418,719	31,236
1961	124,376,732	6,516,009	280,840	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,850	29,415	211,883	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	143,902,075	7,351,097	305,163	18,328	17,206	1,354
1965	150,710,894	8,544,421	306,334	4,776	(251,392)	(8,738)
1966	147,495,518	7,945,462	309,089	25,703	355,135	10,742
1967	259,956,688	9,329,488	376,442	22,967	431,193	14,944
1968	137,468,920	5,445,557	185,601	26,225	421,133	13,699
1969	116,016,687	5,991,337	228,946	17,525	337,623	11,022
1970	162,545,882	7,807,738	309,772	22,571	293,386	9,596
1971	210,600,101	10,619,362	456,951	20,041	348,170	11,293
1972	206,935,734	10,211,587	473,920	17,503	289,136	9,325
1973	223,781,798	13,713,384	716,300	291,729	316,239	10,045
1974	166,851,593	18,686,880	837,178	301,321	396,429	12,562
1975	161,094,476	36,307,518	1,503,376	80,958	2,517,306	73,820
1976	126,520,609	8,971,929	640,355	(40,354)	(1,549,177)	(41,494)
1977	129,079,006	24,173,161	1,052,379	33,727	318,372	11,210
1978	(23,492,837)	9,078,582	99,749	17,586	291,872	10,648
1979	190,019,583	26,032,699	1,550,745	410,055	367,671	12,463
1980	63,333,820	30,967,839	1,544,350	476,283	417,571	14,882
TOTALS	4,471,134,660	350,376,821	15,568,227	2,314,986	9,227,615	435,323

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	896	5,819	728	8,414	2,971	371
1975	17,799	99,963	12,533	3,909,144	1,507,908	217,056
1976	17,024	113,181	14,144	4,221,280	2,166,524	288,532
1977	9,989	60,960	7,788	4,198,543	2,374,031	276,077
1978	14,087	72,912	4,265	2,031,258	8,550,579	1,064,731
1979	10,160	79,216	10,209	319,443	(5,366,245)	(670,698)
1980	954	339	(1,151)	1,836	(3,692)	(451,576)
TOTALS	70,909	432,390	48,516	14,689,918	9,232,076	724,493

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

-> TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY (BARRELS)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,282,654,019	1,238,761,189	155,522,733
1954	142,674,031	155,878,762	18,001,983
1955	141,012,796	166,259,669	19,165,961
1956	150,709,906	178,069,286	20,652,765
1957	174,960,477	213,361,330	25,309,162
1958	231,054,291	201,715,192	25,473,146
1959	298,296,092	224,063,712	28,869,323
1960	303,133,032	224,012,437	28,775,467
1961	343,134,078	238,396,653	33,318,117
1962	337,763,681	229,796,378	30,242,882
1963	350,742,349	236,938,279	31,171,240
1964	385,095,652	245,778,030	31,905,960
1965	386,450,953	267,591,138	31,136,581
1966	392,747,691	248,866,977	31,898,941
1967	587,839,980	261,080,709	34,546,851
1968	394,110,512	277,653,494	35,800,378
1969	382,069,879	307,061,834	39,096,703
1970	450,624,786	312,560,337	39,434,128
1971	522,472,400	326,750,652	40,491,257
1972	492,712,069	308,778,238	39,339,303
1973	525,638,176	386,341,125	47,391,716
1974	446,321,861	598,050,076	73,179,873
1975	429,294,262	693,039,350	84,306,894
1976	393,664,063	705,147,284	90,101,754
1977	405,526,853	821,285,743	102,842,015
1978	244,953,044	928,586,918	116,877,577
1979	505,087,652	1,298,739,992	162,178,481
1980	355,582,826	2,051,227,978	255,082,650
TOTALS	12,056,327,421	13,345,792,762	1,672,113,841

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	644,886,393	1,054,694,933	138,869,569	564,904,814	39,953,335	3,561,079
1954	52,326,524	132,826,383	15,519,692	30,827,780	3,364,391	324,474
1955	56,961,254	143,782,225	16,722,301	34,287,749	3,803,985	373,794
1956	61,167,091	154,360,352	18,034,907	38,145,435	4,198,438	458,968
1957	66,186,159	183,935,307	21,905,713	55,995,860	6,376,808	785,953
1958	66,025,150	168,120,551	21,956,546	62,393,021	7,348,040	872,948
1959	74,706,454	185,969,343	24,640,938	106,501,958	13,539,817	1,619,362
1960	75,623,989	185,981,019	24,400,708	113,050,725	15,113,439	1,795,476
1961	78,877,080	196,593,587	28,938,576	130,535,550	17,706,630	1,917,627
1962	77,245,519	190,752,140	25,829,193	114,914,760	16,723,451	2,195,790
1963	79,701,488	196,318,681	26,699,343	125,227,770	18,164,125	2,194,225
1964	79,983,410	200,372,758	26,935,209	146,335,981	21,249,301	2,529,762
1965	78,347,860	206,926,498	26,145,677	137,456,843	35,146,097	2,493,941
1966	79,971,170	202,375,468	26,959,369	142,658,639	20,915,113	2,382,659
1967	79,792,638	203,569,265	28,456,147	225,351,860	27,515,746	3,050,396
1968	90,945,879	232,098,288	30,591,679	143,907,780	19,234,340	2,291,534
1969	92,095,204	258,088,787	33,458,126	154,366,420	22,657,294	2,755,504
1970	89,815,970	256,525,184	33,095,146	177,899,454	26,584,214	3,229,176
1971	83,787,628	259,726,287	32,977,739	200,711,762	31,587,478	3,824,517
1972	79,292,368	244,489,144	32,093,108	183,040,587	30,852,752	3,750,908
1973	80,125,235	310,134,702	38,849,558	199,702,386	37,767,250	4,636,759
1974	79,586,072	504,854,761	63,073,528	178,400,131	40,340,572	4,852,286
1975	79,173,197	565,074,386	71,415,616	165,363,432	55,842,075	6,926,662
1976	75,966,925	571,954,769	72,759,725	169,030,340	92,290,736	11,128,788
1977	78,150,547	610,607,807	78,187,502	176,174,127	148,230,393	17,966,205
1978	79,232,465	689,075,637	87,926,364	173,153,486	180,505,096	21,768,831
1979	74,774,873	931,465,684	116,812,361	220,973,074	286,155,854	35,104,729
1980	70,461,886	1,538,660,874	191,305,355	203,248,781	376,214,848	46,357,312
TOTALS	2,705,210,428	10,579,344,820	1,354,559,695	4,374,560,513	1,599,761,618	191,149,765

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,012,765,700	60,601,758	2,532,400	100,130	85,599	32,679
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,637	14,041
1956	42,859,884	2,901,574	121,295	24,618	111,943	10,136
1957	43,758,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	6,846,478	273,874	82,302	833,965	56,126
1959	107,377,786	5,850,887	291,374	126,529	402,846	39,117
1960	105,004,958	4,244,797	272,092	49,585	418,719	31,236
1961	124,376,732	6,516,009	280,840	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,850	29,415	211,883	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	141,025,418	7,194,130	286,031	18,088	12,712	792
1965	150,653,360	8,503,028	300,547	4,191	(261,683)	(9,167)
1966	145,604,700	7,816,256	293,327	25,101	345,384	10,336
1967	258,285,173	9,216,808	370,723	22,579	424,038	14,646
1968	135,830,343	5,332,231	206,937	21,492	412,649	13,675
1969	114,329,057	5,874,006	224,224	17,035	328,426	10,599
1970	160,835,451	7,685,935	304,464	22,117	284,881	9,241
1971	208,254,303	10,448,395	441,200	19,184	332,100	10,621
1972	205,057,384	10,067,598	462,331	16,971	281,384	9,002
1973	218,578,915	13,377,810	682,183	291,665	315,467	10,013
1974	163,313,344	18,416,852	821,363	301,321	396,429	12,562
1975	158,501,758	35,990,195	1,476,339	80,958	2,517,306	73,820
1976	124,619,440	8,610,640	612,772	(40,354)	(1,549,177)	(41,494)
1977	127,137,267	23,650,189	1,021,063	33,727	318,372	11,210
1978	(16,829,468)	9,255,941	141,909	17,586	291,872	10,648
1979	183,275,242	26,082,883	1,512,754	410,055	367,671	12,463
1980	62,188,139	30,483,654	1,496,060	476,283	417,571	14,882
TOTALS	4,436,486,276	346,926,212	15,315,548	2,306,043	8,145,144	431,799

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	O I L L O S T			G A S L O S T		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	896	5,819	728	8,414	2,971	371
1975	17,796	99,926	12,527	3,879,633	1,496,725	215,531
1976	16,248	102,642	12,827	4,212,395	2,158,214	287,493
1977	9,969	60,646	7,749	4,188,104	2,354,169	273,594
1978	14,087	72,912	4,265	2,031,999	8,551,675	1,064,868
1979	10,160	79,216	10,209	319,443	(5,366,245)	(670,698)
1980	954	339	(1,151)	1,836	(3,692)	(447,816)
TOTALS	70,110	421,500	47,154	14,641,824	9,193,817	723,343

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	WYOMING OIL PRODUCTION BARRELS	WYOMING GAS PRODUCTION CUBIC FEET	WYOMING NATURAL GAS PRODUCTION CUBIC FEET	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR				2,222,657,037	1,155,335,625	144,995,727
1954				134,094,522	139,847,358	16,002,876
1955				132,715,303	150,471,247	17,221,218
1956				142,197,028	161,572,307	18,625,206
1957				165,964,407	193,377,593	22,828,614
1958				222,044,394	183,149,034	23,159,494
1959				288,712,727	205,762,893	26,590,791
1960				293,729,257	205,757,974	26,499,512
1961				333,825,476	221,056,888	31,155,454
1962				329,194,491	214,118,422	28,287,093
1963				341,752,383	221,017,042	29,170,368
1964				367,362,897	228,828,901	29,711,794
1965				366,462,254	250,313,940	28,930,998
1966				368,259,610	231,452,221	29,645,691
1967				563,452,250	240,725,857	31,891,912
1968				370,705,494	257,077,508	33,103,825
1969				360,807,716	286,948,513	36,448,453
1970				428,572,992	291,080,214	36,638,027
1971				492,772,877	302,094,260	37,254,077
1972				467,407,310	285,690,878	36,315,349
1973				498,698,201	361,595,229	44,178,513
1974				421,610,178	564,017,404	68,760,938
1975				407,016,774	661,020,613	80,120,495
1976				373,804,994	673,567,824	84,760,111
1977				385,693,741	785,221,576	97,467,323
1978				237,620,155	888,133,133	110,916,085
1979				479,762,847	1,238,785,063	152,781,818
1980				336,377,879	1,945,773,594	238,724,642
TOTALS				11,533,275,194	12,543,793,111	1,562,227,304

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	264,765	711,441	77,023	--	--	--
1954	114,897	313,625	26,110	--	--	--
1955	151,092	432,464	23,712	--	--	--
1956	162,777	505,498	20,171	--	--	--
1957	103,615	332,928	15,167	--	--	--
1958	66,585	171,884	10,313	--	--	--
1959	62,123	159,617	11,031	--	--	--
1960	43,807	108,564	7,762	--	--	--
1961	40,551	99,208	7,638	--	--	--
1962	49,448	122,275	11,359	--	--	--
1963	59,706	158,891	18,018	--	--	--
1964	163,589	449,081	58,851	--	--	--
1965	139,788	448,983	52,313	--	--	--
1966	211,950	591,492	77,722	--	--	--
1967	185,022	522,185	68,407	135,908	164	20
1968	152,277	436,917	57,934	919	225	26
1969	126,567	385,528	51,260	605	148	19
1970	142,070	442,332	58,342	--	--	--
1971	155,141	513,191	67,184	638,071	158,028	19,754
1972	176,677	585,589	75,431	836,153	122,251	15,281
1973	189,695	807,404	103,426	1,661,566	375,917	46,989
1974	141,011	1,198,891	154,453	984,814	234,442	29,305
1975	118,250	1,211,307	157,033	445,195	181,530	22,691
1976	84,302	891,859	116,528	265,626	137,612	17,202
1977	121,086	1,419,240	182,146	247,449	273,886	34,236
1978	134,595	1,733,238	221,211	(1,473,528)	(26,214)	(3,277)
1979	119,360	1,994,233	257,202	1,902,548	904,599	113,075
1980	113,210	2,746,933	355,390	221,666	522,613	64,291
TOTALS	3,593,956	19,494,798	2,343,137	5,866,992	2,885,201	359,614

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,767	10,491	1,311	--	--	--
1954-70	--	--	--	--	--	--
1971	213,327	3,557	309	--	--	--
1972	138,158	4,390	416	--	--	--
1973	3,669,950	203,486	24,331	--	--	--
1974	2,283,860	113,228	12,204	--	--	--
1975	1,667,421	179,806	19,106	2	30	5
1976	1,141,677	134,828	13,846	777	10,546	1,318
1977	1,069,959	176,779	9,701	20	314	39
1978	(7,359,309)	(546,453)	(65,584)	--	--	--
1979	8,611,060	716,056	82,810	--	--	--
1980	900,150	276,423	24,271	--	--	--
TOTALS	12,340,020	1,272,591	122,721	799	10,890	1,362

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	268,532	721,932	78,334
1954	--	--	--	114,897	313,625	26,110
1955	--	--	--	151,092	432,464	23,712
1956	--	--	--	162,777	505,498	20,171
1957	--	--	--	103,615	332,928	15,167
1958	--	--	--	66,585	171,884	10,313
1959	--	--	--	62,123	159,617	11,031
1960	--	--	--	43,807	106,564	7,762
1961	--	--	--	40,551	99,208	7,638
1962	--	--	--	49,448	122,275	11,359
1963	--	--	--	59,706	158,891	18,018
1964	--	--	--	163,589	449,081	58,851
1965	--	--	--	139,788	448,983	52,213
1966	--	--	--	211,950	591,492	77,722
1967	--	--	--	320,930	522,349	68,427
1968	--	--	--	153,196	437,142	57,962
1969	--	--	--	127,172	385,676	51,279
1970	--	--	--	142,070	442,332	58,342
1971	--	--	--	1,006,539	674,776	87,247
1972	--	--	--	1,150,988	712,230	91,128
1973	--	--	--	5,521,211	1,386,807	174,746
1974	--	--	--	3,409,685	1,546,561	195,962
1975	29,511	11,183	1,525	2,260,379	1,583,856	200,360
1976	8,885	8,310	1,039	1,501,247	1,183,155	149,933
1977	10,439	19,862	2,483	1,448,953	1,890,081	228,605
1978	(741)	(1,096)	(137)	(8,698,983)	1,159,475	152,213
1979	--	--	--	10,632,968	3,614,888	453,087
1980	--	--	(3,759)	1,235,026	3,545,969	440,193
TOTALS	48,094	38,259	1,151	21,849,861	23,701,739	2,827,985

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	2,348	7,017	1,263	--	--	--
1970	2,805	8,494	1,529	18,891	3,208	578
1971	2,432	7,930	1,427	23,250	3,874	698
1972	2,668	8,667	1,560	75	12	2
1973	2,311	8,241	1,483	14,941	2,704	487
1974	2,479	14,856	2,674	25,696	5,826	1,050
1975	2,278	11,567	2,082	27,970	6,351	1,143
1976	2,340	12,772	2,299	31,574	7,169	1,290
1977-80	--	--	--	--	--	--
TOTALS	19,661	79,544	14,317	142,597	29,154	5,248

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND L P C --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	--	--	--	2,348	7,017	1,263
1970	--	--	--	21,696	11,702	2,107
1971	--	--	--	25,682	11,804	2,125
1972	--	--	--	2,743	8,679	1,562
1973	30,081	727	130	47,333	11,672	2,100
1974	9,110	3,041	548	37,485	23,733	4,272
1975	47,015	7,644	229	77,263	25,562	3,454
1976	41,016	9,166	964	74,930	29,107	4,553
1977-80	--	--	--	--	--	--
TOTALS	127,222	20,578	1,871	289,480	129,276	21,436

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR 1954-80	3,550,228	5,771,877	787,284	5,162,869	324,821	52,719
TOTALS	3,550,228	5,771,877	787,284	5,162,869	324,821	52,719
1951	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1952	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1953	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1954	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1955	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1956	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1957	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1958	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1959	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1960	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1961	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1962	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1963	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1964	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1965	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1966	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1967	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1968	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1969	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1970	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1971	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1972	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1973	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1974	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1975	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1976	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1977	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1978	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1979	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
1980	1,222,372	1,822,372	2,222,372	1,222,372	1,222,372	1,222,372
TOTALS	127,300,468	668,724,745	91,329,004	27,647,276	71,037,282	12,125,079

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR 1954-80	2,483,896	268,628	8,945	11,196,993	6,365,326	848,948
TOTALS	2,483,896	268,628	8,945	11,196,993	6,365,326	848,948

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	45,303,434	76,141,911	9,575,174	3,228,023	196,395	24,550
1954	7,406,991	15,654,323	1,965,065	1,057,621	63,456	7,932
1955	7,144,077	15,295,820	1,913,514	1,002,324	60,138	7,517
1956	7,330,540	15,930,308	1,994,593	1,019,561	61,173	12,695
1957	8,138,185	19,604,161	2,453,302	754,270	46,648	12,079
1958	7,716,792	18,299,825	2,288,746	1,226,520	94,449	14,593
1959	7,613,924	17,979,340	2,247,268	1,907,318	161,862	20,233
1960	7,561,322	17,989,833	2,248,685	1,798,646	156,066	19,508
1961	7,119,286	17,049,300	2,131,118	2,148,765	191,257	23,907
1962	6,378,596	15,326,182	1,915,741	2,141,146	229,499	28,689
1963	6,408,706	15,483,698	1,948,027	2,521,554	278,648	34,827
1964	6,208,575	15,188,223	1,920,589	8,483,694	1,150,364	155,022
1965	6,048,044	14,803,359	1,881,267	13,742,748	1,573,172	265,787
1966	5,782,390	14,278,539	1,826,825	16,602,221	2,405,768	332,535
1967	6,907,101	17,342,432	2,257,529	15,487,796	2,370,236	322,966
1968	6,957,779	17,580,219	2,322,141	14,650,733	2,436,815	337,762
1969	6,710,282	17,730,403	2,332,836	12,734,241	1,863,697	257,727
1970	6,891,739	18,551,056	2,406,921	13,285,404	2,344,725	323,068
1971	7,077,253	20,605,510	2,663,262	19,456,721	3,180,822	468,432
1972	6,766,988	19,618,698	2,533,883	15,643,316	2,600,402	385,885
1973	6,279,639	20,678,906	2,656,305	13,588,876	2,536,378	370,264
1974	6,111,005	29,180,089	3,742,220	13,908,229	3,128,520	473,418
1975	5,225,072	26,580,765	3,412,402	13,836,491	3,698,674	562,490
1976	4,909,133	25,908,025	4,524,893	12,655,264	4,241,885	649,492
1977	4,832,249	27,823,069	4,179,888	12,680,130	6,004,824	944,584
1978	4,746,644	31,628,819	4,645,740	10,589,288	7,296,397	1,139,315
1979	4,965,684	45,929,195	7,233,801	11,592,872	11,177,086	1,754,594
1980	4,839,034	80,592,737	12,508,129	12,885,366	21,107,916	3,385,668
TOTALS	219,380,464	688,774,745	93,729,864	250,629,238	81,057,282	12,335,639

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1964	2,876,657	156,967	19,132	240	4,494	562
1965	57,534	41,393	5,787	585	10,291	429
1966	1,890,818	129,206	15,762	602	9,751	406
1967	1,671,515	112,680	5,719	388	7,155	298
1968	1,638,577	113,326	(21,336)	4,733	8,484	24
1969	1,687,630	117,331	4,722	490	9,197	423
1970	1,710,431	121,803	5,308	454	8,505	355
1971	2,132,471	167,410	15,442	857	16,070	672
1972	1,740,192	139,599	11,173	532	7,752	323
1973	1,502,852	131,361	9,656	64	772	32
1974	1,245,279	153,759	3,063	--	--	--
1975	878,282	129,873	7,702	--	--	--
1976	718,476	217,295	12,773	--	--	--
1977	871,780	346,193	21,615	--	--	--
1978	695,940	369,094	23,424	--	--	--
1979	(1,866,719)	(766,240)	(44,819)	--	--	--
1980	245,531	207,762	24,019	--	--	--
TOTALS	19,697,246	1,888,812	119,142	8,945	82,471	3,524

INDIAN LANDS.

<----- D I L L O S T ----->

<----- G A S L O S T ----->

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OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	48,531,457	76,338,306	9,599,724
1954	8,464,612	15,717,779	1,972,997
1955	8,146,401	15,355,958	1,921,031
1956	8,350,101	15,991,481	2,007,288
1957	8,892,455	19,650,809	2,465,381
1958	8,943,312	18,394,274	2,303,339
1959	9,521,242	19,141,202	2,267,501
1960	9,359,968	18,145,899	2,268,193
1961	9,268,051	17,240,557	2,155,025
1962	8,519,742	15,555,681	1,944,430
1963	8,930,260	15,762,346	1,952,854
1964	17,569,166	16,500,048	2,095,315
1965	19,848,911	16,828,215	2,153,270
1966	24,276,131	16,823,264	2,175,528
1967	24,066,800	19,832,503	2,586,512
1968	23,251,822	20,138,944	2,638,591
1969	21,132,643	19,720,628	2,595,708
1970	21,888,028	21,026,089	2,735,652
1971	28,667,302	23,969,812	3,147,808
1972	24,151,028	22,366,451	2,931,264
1973	21,371,431	23,347,417	3,036,357
1974	21,264,513	32,462,378	4,218,701
1975	19,939,846	30,409,319	3,982,585
1976	18,282,872	30,367,198	5,187,157
1977	18,384,159	34,174,086	5,146,087
1978	16,031,872	39,294,310	5,808,479
1979	14,691,837	56,340,041	8,943,576
1980	17,969,931	101,908,415	15,917,815
TOTALS	489,715,893	771,803,310	106,188,168

PART 5
FEDERAL AND INDIAN LAND
TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS

I.	Connecticut	V.	Illinois	IX.	Arizona
	Maine		Indiana		California
	Massachusetts		Michigan		Guam
	New Hampshire		Minnesota		Hawaii
	Rhode Island		Ohio		Nevada
	Vermont		Wisconsin		
II.	New Jersey	VI.	Arkansas	X.	Alaska
	New York		Louisiana		Idaho
	Puerto Rico		New Mexico		Oregon
	Virgin Islands		Oklahoma		Washington
			Texas		
III.	Delaware	VII.	Iowa		
	Maryland		Kansas		
	Pennsylvania		Missouri		
	Virginia		Nebraska		
	West Virginia				
IV.	Alabama	VIII.	Colorado		
	Florida		Montana		
	Georgia		North Dakota		
	Kentucky		South Dakota		
	Mississippi		Utah		
	North Carolina		Wyoming		
	South Carolina				
	Tennessee				

PRODUCTION VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS
BY REGION

REGION NUMBER	ALL PRODUCTS	
	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
I 1980	-	-
1920-1980	-	-
II 1980	-	-
1920-1980	-	-
III 1980	11,990	1,502
1920-1980	11,125,144	1,750,839
IV 1980	19,100,354	2,416,587
1920-1980	232,739,546	28,700,515
V 1980	3,576,184	437,991
1920-1980	17,372,712	2,322,892
VI 1980	14,995,439,747	2,372,691,728
1920-1980	75,144,312,688	11,677,925,604
VII 1980	19,716,331	2,612,004
1920-1980	148,027,309	18,975,557
VIII 1980	3,170,327,077	405,621,620
1920-1980	20,412,526,793	2,651,834,872
IX 1980	570,568,756	76,103,590
1920-1980	4,983,478,249	653,691,402
X 1980	87,993,852	11,007,682
1920-1980	982,567,076	117,518,814
GRAND TOTAL 1980	<u>\$18,866,734,291</u>	<u>\$ 2,870,892,704</u>
GRAND TOTAL 1920-1980	<u>\$101,932,149,517</u>	<u>\$15,152,720,495</u>

Part 6

PRODUCTION OF OIL AND CONDENSATE, AND GAS

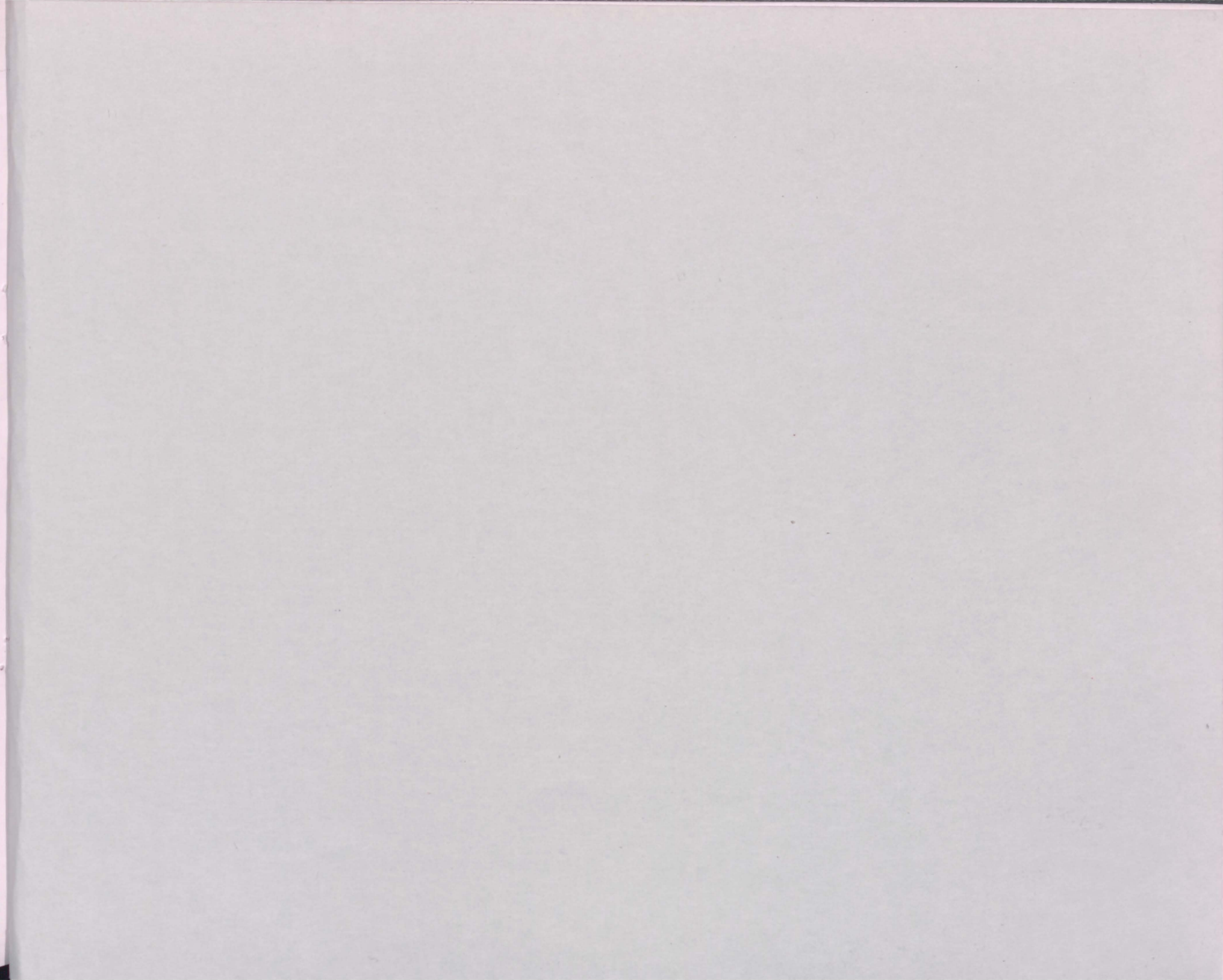
TOTAL UNITED STATES PRODUCTION

PRODUCTION UNDER FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN LEASES

PERCENT OF FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN PRODUCTION OF TOTAL U.S. PRODUCTION

YEAR	CRUDE OIL AND CONDENSATE			GAS			GAS LIQUIDS		
	: FEDERAL, :		: PERCENT :	: FEDERAL, :		: PERCENT :	: FEDERAL, :		: PERCENT :
	: UNITED :	: OCS & :	: OF :	: UNITED :	: OCS & :	: OF :	: UNITED :	: OCS & :	: OF :
	: STATES :	: INDIAN :	: TOTAL U.S. :	: STATES :	: INDIAN :	: TOTAL U.S. :	: STATES :	: INDIAN :	: TOTAL U.S. :
	:(THOUSANDS OF BBLS.)		(%)	:(THOUSANDS OF BBLS.)		(%)	:(THOUSANDS OF BBLS.)		(%)
1950	1,973,574	103,080	5.2	6,282,060	140,449	2.2	181,961	4,376	2.4
1951	2,247,711	114,675	5.1	7,457,359	170,738	2.3	204,754	5,297	2.6
1952	2,289,836	115,701	5.1	8,013,457	243,887	3.0	223,515	5,494	2.5
1953	2,357,082	130,922	5.6	8,396,916	289,682	3.4	238,579	5,708	2.4
1954	2,314,988	138,639	6.0	8,742,546	384,946	4.4	252,133	6,097	2.4
1955	2,484,428	152,651	6.1	9,405,351	431,149	4.6	261,371	5,992	2.1
1956	2,617,283	168,015	6.4	10,081,923	488,516	4.8	292,727	6,357	2.2
1957	2,616,901	183,646	7.0	10,680,258	618,622	5.8	294,990	6,596	2.2
1958	2,448,987	211,355	8.6	11,030,298	684,146	6.2	294,749	8,027	2.7
1959	2,574,590	252,894	9.8	11,619,951	831,005	7.2	320,757	9,443	2.9
1960	2,574,933	272,712	10.6	12,771,038	946,546	7.4	340,109	11,529	3.3
1961	2,621,758	293,042	11.2	13,254,025	1,024,617	7.7	361,689	13,513	3.7
1962	2,676,189	317,466	11.9	13,876,622	1,174,691	8.5	372,705	15,245	4.1
1963	2,752,723	338,224	12.3	14,666,559	1,366,821	9.3	400,886	15,988	4.0
1964	2,786,822	351,229	12.6	15,462,143	1,505,194	9.7	422,471	15,488	3.7
1965	2,848,514	374,344	13.1	16,039,753	1,556,524	9.7	441,556	14,216	3.2
1966	3,027,763	422,922	14.0	17,206,628	2,020,097	11.7	468,635	15,090	3.2
1967	3,215,742	469,276	14.6	18,171,325	2,404,172	13.2	514,456	20,042	3.9
1968	3,329,042	520,476	15.6	19,322,400	2,603,946	13.5	550,311	13,570	2.5
1969	3,371,751	561,242	16.6	20,698,240	3,042,278	14.7	580,241	19,799	3.4
1970	3,517,450	603,588	17.2	21,920,642	3,554,386	16.2	605,916	40,501	6.7
1971	3,453,914	646,911	18.7	22,493,000	3,549,928	17.3	617,815	53,902	8.7
1972	3,445,965	628,950	18.3	22,532,000	4,162,968	18.5	636,560	56,628	8.9
1973	3,360,920	603,059	17.9	22,647,500	4,364,223	19.3	634,370	54,863	8.6
1974	3,202,510	568,878	17.8	21,601,000	4,748,651	22.0	616,120	61,876	10.0
1975	3,056,875	530,376	17.4	20,109,000	4,569,549	22.7	596,045	59,686	10.0
1976	2,976,312	512,262	17.2	19,952,000	4,604,603	24.1	585,095	56,773	9.7
1977	3,009,425	493,448	16.4	20,025,000	4,504,226	24.5	590,750	56,069	9.5
1978	3,178,055	476,407	15.0	19,974,000	5,561,707	27.8	571,955	24,123	4.2
1979	3,121,480	462,105	14.8	20,471,000	5,860,841	28.6	607,360	9,245	1.5
1980	3,137,175	449,080	14.3	20,091,000	5,787,597	28.8	610,000	6,875	1.1

SOURCE: TOTAL UNITED STATES PRODUCTION - MONTHLY ENERGY REVIEW - DEPT. OF ENRGY, 1980 TOTAL UNITED STATES PRODUCTION DATA ARE PRELIMINARY AND SUBJECT TO CHANGE.



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