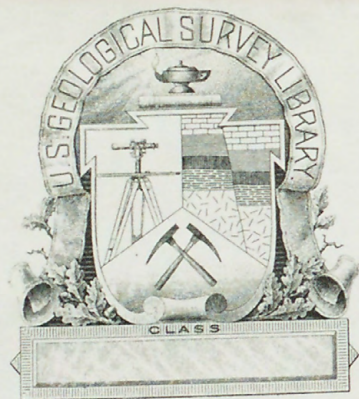


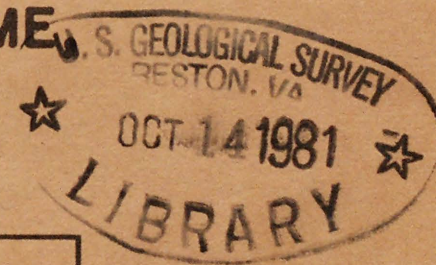


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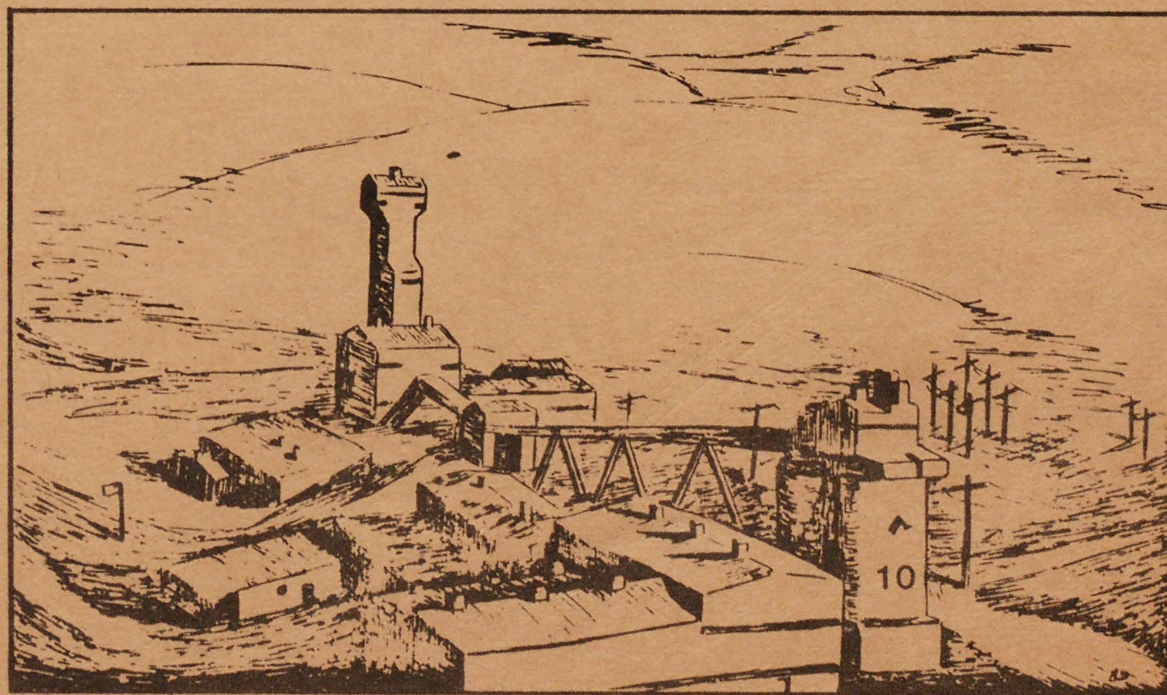
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

**FEDERAL AND INDIAN LANDS
COAL, PHOSPHATE, POTASH, SODIUM, AND OTHER
MINERAL PRODUCTION, ROYALTY INCOME,
AND RELATED STATISTICS**



1920
THROUGH
1980



CALENDAR
YEAR
1980

JUNE 1981

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UNITED STATES DEPARTMENT OF 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

COAL, PHOSPHATE, POTASH, SODIUM, AND OTHER MINERALS

PRODUCTION, ROYALTY INCOME, AND RELATED STATISTICS

1920 through Calendar Year 1980

Printed June 1981

Compiled by: David Beasley, Walter Harris, and
Bruce McFarlane

***Due to the change in the FY,
1976 data consists of an 18-month
period (7/75-12/76). Thereafter,
all data are on a CY basis.

The information contained in this
publication does not constitute an
independent analysis by USGS, conse-
quently the information herein is
subject to correction.

358757

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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

PART 2

FEDERAL AND INDIAN LANDS

LEASING

Mining operations on Federal and Indian leases, licenses, and permits are conducted in accordance with the Regulations, 30 CFR 200, 30 CFR 211, 30 CFR 216, and 30 CFR 231.

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

COMPETITIVE MINERAL LEASE SALES
ON PUBLIC LAND
FISCAL YEAR 1980

Product State	Number	Acres Leased	Bonus Received
Coal			
Colorado	4	1,235	\$ 54,882
Montana	1	61	1,550
New Mexico	1	3,856	102,500
North Dakota	2	1,828	45,725
Oklahoma	1	140	14,070
Utah	<u>1</u>	<u>697</u>	<u>363,642</u>
Total Coal	<u>10</u>	<u>7,817</u>	<u>\$582,369</u>
Potassium			
New Mexico	<u>1</u>	<u>2,080</u>	<u>\$351,000</u>
Total Potassium	<u>1</u>	<u>2,080</u>	<u>\$351,000</u>
GRAND TOTAL	<u>11</u>	<u>9,897</u>	<u>\$933,369</u>

SOURCE: Bureau of Land Management
Department of the Interior

COMPETITIVE MINERAL LEASE SALES
PUBLIC AND ACQUIRED LANDS

Fiscal Year	Public Land		Acquired Land		Total	
Product	Acreage	Bonus(\$)	Acreage	Bonus(\$)	Acreage	Bonus(\$)
<u>1954</u>						
Coal	400	\$ 420	-	\$ -	400	\$ 420
Phosphate	3,452	31,692	-	-	3,452	31,692
Potash	440	27,060	-	-	440	27,060
Other	-	-	70	82	70	82
TOTAL	<u>4,292</u>	<u>\$ 59,172</u>	<u>70</u>	<u>\$ 82</u>	<u>4,362</u>	<u>\$ 59,250</u>
<u>1955</u>						
Coal	-	\$ -	458	\$ 504	458	\$ 504
Phosphate	560	2,800	-	-	560	2,800
Sodium	10	410,000	-	-	10	410,000
Other	-	-	2,291	1,500	2,291	1,500
TOTAL	<u>570</u>	<u>\$ 412,800</u>	<u>2,749</u>	<u>\$ 2,004</u>	<u>3,319</u>	<u>\$ 414,804</u>
<u>1956</u>						
Coal	4,316	\$ 4,317	-	\$ -	4,316	\$ 4,317
Phosphate	3,292	165,976	-	-	3,292	165,976
TOTAL	<u>7,608</u>	<u>\$ 170,293</u>	<u>-</u>	<u>\$ -</u>	<u>7,608</u>	<u>\$ 170,293</u>
<u>1957</u>						
Coal	3,863	\$ 6,064	130	\$ 233	3,993	\$ 6,297
Phosphate	5,008	285,558	-	-	5,008	285,558
Sodium	5,132	5,390	-	-	5,132	5,390
Other	520	10	10	10	530	20
TOTAL	<u>14,523</u>	<u>\$ 297,022</u>	<u>140</u>	<u>\$ 243</u>	<u>14,663</u>	<u>\$ 297,265</u>
<u>1958</u>						
Coal	15,375	\$ 19,176	a/	\$ 238	15,375	\$ 19,414
Potash	1,840	1,867,340	-	-	1,840	1,867,340
Sodium	11,663	40,278	-	-	11,663	40,278
Other	-	-	90	473	90	473
TOTAL	<u>28,878</u>	<u>\$ 1,926,794</u>	<u>90</u>	<u>\$ 711</u>	<u>28,968</u>	<u>\$ 1,927,505</u>

a/ Deposit forfeited; no lease issued.

COMPETITIVE MINERAL LEASE SALES
PUBLIC AND ACQUIRED LANDS

Fiscal Year	Public Land		Acquired Land		Total	
Product	Acreage	Bonus(\$)	Acreage	Bonus(\$)	Acreage	Bonus(\$)
<u>1959</u>						
Coal	8,085	\$ 224,179	-	\$ -	8,085	\$ 224,179
Potash	3,752	7,542	-	-	3,752	7,542
Sodium	8,637	74,126	-	-	8,637	74,126
TOTAL	<u>20,474</u>	<u>\$ 305,847</u>	<u>-</u>	<u>\$ -</u>	<u>20,474</u>	<u>\$ 305,847</u>
<u>1960</u>						
Coal	4,358	\$ 9,055	-	\$ -	4,358	\$ 9,055
Phosphate	2,207	6,831	-	-	2,207	6,831
Sodium	4,983	95,037	-	-	4,983	95,037
Other	-	-	200	368	200	368
TOTAL	<u>11,548</u>	<u>\$ 110,923</u>	<u>200</u>	<u>\$ 368</u>	<u>11,748</u>	<u>\$ 111,291</u>
<u>1961</u>						
Coal	12,733	\$ 20,531	-	\$ -	12,733	\$ 20,531
Phosphate	8,523	513,552	-	-	8,523	513,552
Sodium	4,605	496,442	-	-	4,605	496,442
Other	-	-	2	200	2	200
TOTAL	<u>25,861</u>	<u>\$ 1,030,525</u>	<u>2</u>	<u>\$ 200</u>	<u>25,863</u>	<u>\$ 1,030,725</u>
<u>1962</u>						
Coal	38,976	\$ 202,404	526	\$ 527	39,502	\$ 202,931
Phosphate	40	40	-	-	40	40
Potash	800	1,200	-	-	800	1,200
Sodium	1,160	19,178	-	-	1,160	19,178
Other	-	-	5	30	5	30
TOTAL	<u>40,976</u>	<u>\$ 222,822</u>	<u>531</u>	<u>\$ 557</u>	<u>41,507</u>	<u>\$ 223,379</u>
<u>1962</u>						
Coal	20,780	\$ 143,023	-	\$ -	20,780	\$ 143,023
Phosphate	5,198	277,826	-	-	5,198	277,826
Potash	25,092	35,903	-	-	25,092	35,903
Sodium	3,174	18,536	-	-	3,174	18,536
TOTAL	<u>54,244</u>	<u>\$ 475,288</u>	<u>-</u>	<u>\$ -</u>	<u>54,244</u>	<u>\$ 475,288</u>

COMPETITIVE MINERAL LEASE SALES
PUBLIC AND ACQUIRED LANDS

Fiscal Year	Public Land		Acquired Land		Total	
Product	Acreage	Bonus(\$)	Acreage	Bonus(\$)	Acreage	Bonus(\$)
<u>1964</u>						
Coal	10,788	\$ 39,532	-	\$ -	10,788	\$ 39,532
Phosphate	2,737	753,695	-	-	2,737	753,695
Potash	40	1,029	-	-	40	1,029
Sodium	5,071	143,725	-	-	5,071	143,725
Other	13,654	174,843	-	-	13,654	174,843
TOTAL	<u>32,290</u>	<u>\$ 1,112,824</u>	<u>-</u>	<u>\$ -</u>	<u>32,290</u>	<u>\$ 1,112,824</u>
<u>1965</u>						
Coal	23,264	\$ 146,258	100	\$ 100	23,364	\$ 146,358
Phosphate	1,079	760,006	-	-	1,079	760,006
Potash	1,839	41,737	-	-	1,839	41,737
Sodium	2,564	63,501	-	-	2,564	63,501
Other	1,078	61,007	85	105	1,163	61,112
TOTAL	<u>29,824</u>	<u>\$ 1,072,509</u>	<u>185</u>	<u>\$ 205</u>	<u>30,009</u>	<u>\$ 1,072,714</u>
<u>1966</u>						
Coal	44,894	\$ 753,727	-	\$ -	44,894	\$ 753,727
Phosphate	399	39,779	-	-	399	39,779
Sodium	3,201	275,684	-	-	3,201	275,684
Other	480	2,674	5	5	485	2,679
TOTAL	<u>48,974</u>	<u>\$ 1,071,864</u>	<u>5</u>	<u>\$ 5</u>	<u>48,979</u>	<u>\$ 1,071,869</u>
<u>1967</u>						
Coal	43,885	\$ 721,294	-	\$ -	43,885	\$ 721,294
Phosphate	2,831	176,438	-	-	2,831	176,438
Sodium	650	36,720	-	-	650	36,720
Other	-	-	240	2,204	240	2,204
TOTAL	<u>47,366</u>	<u>\$ 934,452</u>	<u>240</u>	<u>\$ 2,204</u>	<u>47,606</u>	<u>\$ 936,656</u>

COMPETITIVE MINERAL LEASE SALES
PUBLIC AND ACQUIRED LANDS

Fiscal Year	Public Land		Acquired Land		Total	
Product	Acreage	Bonus (\$)	Acreage	Bonus (\$)	Acreage	Bonus (\$)
1968						
Coal	88,037	\$ 3,077,736	144	\$ 144	88,181	\$ 3,077,880
Phosphate	6,405	6,405	-	-	6,405	6,405
Sodium	317	17,455	-	-	317	17,455
Other	-	-	400	500	400	500
TOTAL	<u>94,759</u>	<u>3,101,596</u>	<u>544</u>	<u>644</u>	<u>95,303</u>	<u>3,102,240</u>
1969	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>
1970						
Coal	<u>18,493</u>	<u>\$ 370,395</u>	<u>-</u>	<u>\$ -</u>	<u>18,493</u>	<u>\$ 370,395</u>
1971						
Coal	28,386	\$ 7,618,634	160	\$ 8,320	28,546	\$ 7,626,954
Other	160	160	-	-	160	160
TOTAL	<u>28,546</u>	<u>\$ 7,618,794</u>	<u>160</u>	<u>\$ 8,320</u>	<u>28,706</u>	<u>\$ 7,627,114</u>
1972	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>
1973						
Phosphate	<u>133</u>	<u>\$ 33,635</u>	<u>-</u>	<u>\$ -</u>	<u>133</u>	<u>\$ 33,635</u>
1974						
Oil Shale	20,424	\$448,797,600	-	\$ -	20,424	\$448,797,600
Coal	3,989	390,776	80	4,050	4,069	394,826
TOTAL	<u>24,413</u>	<u>449,188,376</u>	<u>80</u>	<u>4,050</u>	<u>24,493</u>	<u>449,192,426</u>
1975						
Coal	<u>-</u>	<u>\$ -</u>	<u>362</u>	<u>\$ 3,618</u>	<u>362</u>	<u>\$ 3,618</u>
1976 - 1977	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>
1978	<u>574</u>	<u>\$ 31,380</u>	<u>-</u>	<u>\$ -</u>	<u>574</u>	<u>\$ 31,380</u>

COMPETITIVE MINERAL LEASE SALES
PUBLIC AND ACQUIRED LANDS

Fiscal Year Product	Public Land		Acquired Land		Total	
	Acreage	Bonus(\$)	Acreage	Bonus(\$)	Acreage	Bonus(\$)
<u>1979</u>						
Coal	6,395	\$ 803,408	-	\$ -	6,395	\$ 803,408
Phosphate			80	\$ 12,600	80	12,600
TOTAL	<u>6,395</u>	<u>\$ 803,408</u>	<u>80</u>	<u>\$ 12,600</u>	<u>6,475</u>	<u>\$ 816,008</u>
<u>1980</u>						
Coal	7,817	\$ 582,369	-	-	7,817	\$ 582,369
Potassium	<u>2,080</u>	<u>351,000</u>	-	-	<u>2,080</u>	<u>351,000</u>
Total	<u>9,897</u>	<u>933,369</u>			<u>9,897</u>	<u>\$ 933,369</u>

CUMULATIVE - GRAND TOTALS

<u>1954-1980</u>						
Coal	385,408	\$ 15,164,678	1,960	\$ 17,734	387,368	\$ 15,182,412
Phosphate	41,864	3,054,233	80	12,600	41,944	3,066,833
Sodium	51,167	1,696,072	-	-	51,167	1,696,072
Potash	33,803	1,981,811	-	-	33,803	1,981,811
Oil Shale	20,424	448,797,600	-	-	20,424	448,797,600
Potassium	2,080	351,000	-	-	2,080	351,000
Other	<u>15,892</u>	<u>238,694</u>	<u>3,398</u>	<u>5,483</u>	<u>19,290</u>	<u>244,177</u>
TOTAL	<u>550,638</u>	<u>\$471,284,088</u>	<u>5,438</u>	<u>\$35,817</u>	<u>556,076</u>	<u>\$471,319,905</u>

SOURCE: Bureau of Land Management
U.S. Department of the Interior

PRODUCING MINES, TOTAL MINING LEASES,
LICENSES, AND PERMITS UNDER SUPERVISION

: FISCAL YEAR :	PUBLIC LAND		ACQUIRED LAND		INDIAN LAND		ALL LANDS	
:	NUMBER OF		NUMBER OF		NUMBER OF		GRAND TOTAL	
: YEAR :	MINES	LEASES	MINES	LEASES	MINES	LEASES	MINES	LEASES
1950	205	908	20	85	139	216	462	1,209
1951	268	690	20	93	152	252	460	1,235
1952	307	793	20	82	202	302	529	1,177
1953	284	802	22	148	174	309	480	1,259
1954	267	867	29	199	188	396	484	1,462
1955	206	992	32	226	229	595	467	1,813
1956	201	1,299	32	439	275	802	508	2,540
1957	192	1,920	39	430	259	939	490	3,269
1958	178	2,554	39	405	258	1,051	475	4,010
1959	170	2,678	42	336	275	1,088	487	4,102
1960	168	2,580	38	321	231	773	437	3,674
1961	154	1,916	36	270	267	775	457	2,961
1962	151	1,336	29	268	268	737	448	2,341
1963	143	1,222	25	241	262	704	430	2,167
1964	154	1,462	23	216	305	738	482	2,416
1965	141	1,524	21	254	274	694	436	2,472
1966	141	1,763	18	324	295	556	454	2,643
1967	163	1,945	15	395	330	883	511	3,223
1968	134	1,758	15	507	239	998	391	3,263
1969	120	2,045	20	520	212	939	352	3,504
1970	113	1,560	22	483	279	859	414	2,902
1971	113	1,482	27	378	265	706	405	2,566
1972	107	1,396	20	312	216	939	343	2,647
1973	105	1,277	17	277	216	1,025	330	2,579
1974	113	1,249	20	268	244	971	377	2,408
1975	138	1,260	35	270	262	949	435	2,479
1976	146	1,257	37	259	50	1,004	233	2,520
1977	153	1,243	39	241	52	920	244	2,405
1978	160	1,125	31	167	44	806	235	2,098
1979	176	1,104	20	229	50	651	266	1,984
1980	192	1,091	32	269	52	562	276	1,922

NOTE: COMMENCING WITH 1976, THE NUMBER OF PRODUCING LEASES ARE SHOWN RATHER THAN MINES.

10

10

PRODUCIBLE MINES, NUMBER AND ACREAGE OF LEASES,
LICENSES, AND PERMITS UNDER SUPERVISION

: LAND	: PRODUCTIBLE	LEASES		: PRODUCTIBLE	LEASES	
: CATEGORY-MINERAL	: MINES	: NUMBER	: ACREAGE	: MINES	: NUMBER	: ACREAGE
<u>JUNE 30, 1964</u>				<u>JUNE 30, 1965</u>		
<u>PUBLIC</u>						
Coal	113	626	761,089	101	675	872,080
Phosphate	9	142	107,109	8	206	159,869
Potash	11	513	922,983	13	479	881,645
Sodium	14	122	198,730	12	118	182,666
Other	7	59	28,392	7	46	22,765
TOTAL	<u>154</u>	<u>1,462</u>	<u>2,018,303</u>	<u>141</u>	<u>1,524</u>	<u>2,119,025</u>
<u>ACQUIRED</u>	<u>23</u>	<u>216</u>	<u>170,845</u>	<u>21</u>	<u>254</u>	<u>205,245</u>
<u>INDIAN</u>	<u>305</u>	<u>738</u>	<u>5,321,730</u>	<u>274</u>	<u>694</u>	<u>2,733,629</u>
GRAND TOTAL	<u>482</u>	<u>2,416</u>	<u>7,510,878</u>	<u>436</u>	<u>2,472</u>	<u>5,057,899</u>
<u>JUNE 30, 1966</u>				<u>JUNE 30, 1967</u>		
<u>PUBLIC</u>						
Coal	93	659	861,274	102	704	1,103,492
Phosphate	12	246	185,723	26	294	227,377
Potash	14	495	943,562	14	333	352,122
Sodium	16	139	221,941	15	150	145,803
Other	6	224	128,442	6	44	202,550
TOTAL	<u>141</u>	<u>1,763</u>	<u>2,340,942</u>	<u>163</u>	<u>1,525</u>	<u>2,629,344</u>
<u>ACQUIRED</u>	<u>18</u>	<u>324</u>	<u>297,742</u>	<u>18</u>	<u>395</u>	<u>342,078</u>
<u>INDIAN</u>	<u>295</u>	<u>556</u>	<u>1,208,840</u>	<u>330</u>	<u>823</u>	<u>4,185,748</u>
GRAND TOTAL	<u>454</u>	<u>2,643</u>	<u>3,847,524</u>	<u>511</u>	<u>2,743</u>	<u>7,157,170</u>

PRODUCING MINES, NUMBER AND ACREAGE OF LEASES,
LICENSES, AND PERMITS UNDER SUPERVISION

: LAND	: PRODUCTIBLE	: LEASES	: PRODUCTIBLE	: LEASES
: CATEGORY-MINERAL	: MINES	: NUMBER : ACREAGE	: MINES	: NUMBER : ACREAGE
	<u>JUNE 30, 1968</u>		<u>JUNE 30, 1969</u>	
<u>PUBLIC</u>				
Coal	79	679 1,162,431	71	697 1,223,371
Phosphate	17	263 197,675	10	254 189,417
Potash	14	293 523,523	11	298 508,560
Sodium	15	135 209,697	17	133 204,104
Other	9	388 231,482	11	663 394,826
<u>TOTAL</u>	<u>134</u>	<u>1,758 2,324,808</u>	<u>120</u>	<u>2,045 2,520,278</u>
<u>ACQUIRED</u>	<u>18</u>	<u>507 524,131</u>	<u>20</u>	<u>520 555,456</u>
<u>INDIAN</u>	<u>239</u>	<u>998 4,545,436</u>	<u>212</u>	<u>939 3,862,463</u>
<u>GRAND TOTAL</u>	<u>391</u>	<u>3,263 7,394,375</u>	<u>352</u>	<u>3,504 6,938,197</u>
	<u>JUNE 30, 1970</u>		<u>JUNE 30, 1971</u>	
<u>PUBLIC</u>				
Coal	67	789 1,497,434	70	840 1,662,746
Phosphate	9	227 169,552	7	183 136,326
Potash	15	216 361,673	16	205 338,964
Sodium	10	125 199,288	10	120 191,944
Other	12	203 115,517	10	134 74,190
<u>TOTAL</u>	<u>113</u>	<u>1,560 2,343,464</u>	<u>113</u>	<u>1,482 2,404,170</u>
<u>ACQUIRED</u>	<u>22</u>	<u>483 552,065</u>	<u>27</u>	<u>378 401,238</u>
<u>INDIAN</u>	<u>279</u>	<u>859 1,980,668</u>	<u>265</u>	<u>706 3,067,529</u>
<u>GRAND TOTAL</u>	<u>414</u>	<u>2,902 4,876,197</u>	<u>405</u>	<u>2,566 5,872,937</u>

PRODUCING MINES, NUMBER AND ACREAGE OF LEASES,
LICENSES, AND PERMITS UNDER SUPERVISION

: LAND	: PRODUCIBLE	: LEASES	: PRODUCIBLE	: LEASES
: CATEGORY-MINERAL	: MINES	: NUMBER	: MINES	: NUMBER
		: ACREAGE		: ACREAGE

JUNE 30, 1972

JUNE 30, 1973

PUBLIC

Coal	66	807	1,533,933	63	767	1,419,248
Phosphate	7	166	127,399	10	161	121,978
Potash	13	226	367,552	12	188	285,065
Sodium	12	118	179,901	13	112	175,942
Other	9	79	32,751	7	49	16,239
TOTAL	107	1,396	2,241,536	105	1,277	2,018,472

ACQUIRED

	20	312	330,222	17	277	281,267
--	----	-----	---------	----	-----	---------

INDIAN

	216	939	3,352,318	216	1,025	5,266,701
--	-----	-----	-----------	-----	-------	-----------

GRAND TOTAL

	343	2,647	5,924,076	338	2,579	7,566,440
--	-----	-------	-----------	-----	-------	-----------

JUNE 30, 1974

JUNE 30, 1975

PUBLIC

Coal	65	763	1,394,717	64	765	1,393,364
Phosphate	11	153	119,100	11	152	116,560
Potash	12	179	269,960	42	189	280,543
Sodium	13	114	177,926	16	113	183,705
Other	12	40	22,443	5	41	23,719
TOTAL	113	1,249	1,984,146	138	1,260	1,997,891

ACQUIRED

	20	268	307,963	35	270	297,130
--	----	-----	---------	----	-----	---------

INDIAN

	244	971	5,538,566	262	949	5,681,519
--	-----	-----	-----------	-----	-----	-----------

GRAND TOTAL

	377	2,488	7,830,675	435	2,479	7,976,540
--	-----	-------	-----------	-----	-------	-----------

PRODUCING LEASES, NUMBER AND ACREAGE OF
LEASES, LICENSES, AND PERMITS UNDER
SUPERVISION

: LAND :	PRODUCING :	LEASES :	PRODUCING :	LEASES :	
: CATEGORY - MINERAL :	LEASES :	NUMBER	LEASES :	NUMBER	
		ACREAGE		ACREAGE :	
	<u>DECEMBER 31, 1976</u>			<u>DECEMBER 31, 1978</u>	
<u>PUBLIC</u>					
Coal	70	749	1,375,398	81	570 917,371
Phosphate	10	152	116,440	11	140 96,949
Potash	43	189	271,876	48	215 336,862
Sodium	19	141	239,577	15	132 225,453
Other	4	26	9,038	5	68 35,577
<u>TOTAL</u>	<u>146</u>	<u>1,257</u>	<u>2,021,329</u>	<u>160</u>	<u>1,125 1,612,212</u>
<u>ACQUIRED</u>	<u>37</u>	<u>259</u>	<u>289,297</u>	<u>31</u>	<u>167 158,950</u>
<u>INDIAN</u>	<u>50</u>	<u>1,004</u>	<u>6,727,925</u>	<u>44</u>	<u>806 6,521,364</u>
<u>GRAND TOTAL</u>	<u>233</u>	<u>2,520</u>	<u>9,029,551</u>	<u>235</u>	<u>2,098 8,292,526</u>
	<u>DECEMBER 31, 1977</u>			<u>DECEMBER 31, 1979</u>	
<u>PUBLIC</u>					
Coal	76	682	1,245,498	88	593 961,515
Phosphate	11	152	116,440	11	143 97,420
Potash	43	197	294,413	53	216 336,003
Sodium	19	137	233,732	15	128 218,093
Other	4	75	9,038	9	24 7,204
<u>TOTAL</u>	<u>153</u>	<u>1,243</u>	<u>1,929,928</u>	<u>176</u>	<u>1,104 1,620,235</u>
<u>ACQUIRED</u>	<u>39</u>	<u>242</u>	<u>257,161</u>	<u>30</u>	<u>229 236,667</u>
<u>INDIAN</u>	<u>52</u>	<u>920</u>	<u>6,697,973</u>	<u>50</u>	<u>651 8,316,784</u>
<u>GRAND TOTAL</u>	<u>244</u>	<u>2,405</u>	<u>8,885,062</u>	<u>256</u>	<u>1,984 10,173,686</u>

PRODUCING LEASES, NUMBER AND ACREAGE OF
LEASES, LICENSES, AND PERMITS UNDER
SUPERVISION

: LAND :	PRODUCING :	LEASES :	PRODUCING :	LEASES :
:CATEGORY - MINERAL :	LEASES :	NUMBER :	LEASES :	NUMBER :
			ACREAGE :	ACREAGE :
<u>December 31, 1980</u>				
<u>PUBLIC</u>				
Coal	103	587	978,521	
Phosphate	11	140	94,722	
Potash	56	243	379,252	
Sodium	15	95	141,116	
Other	7	26	7,731	
<u>TOTAL</u>	<u>192</u>	<u>1,091</u>	<u>1,601,342</u>	
<u>ACQUIRED</u>	<u>32</u>	<u>269</u>	<u>261,644</u>	
<u>INDIAN</u>	<u>52</u>	<u>562</u>	<u>9,829,068</u>	
<u>GRAND TOTAL</u>	<u>276</u>	<u>1,922</u>	<u>11,692,054</u>	

STATE	MINING LEASES UNDER SUPERVISION							
	PUBLIC		ACQUIRED		INDIAN		TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
ALABAMA	2	2,908	1	40	---	---	3	2,948
ALASKA	4	2,593	---	---	2	236	6	2,829
ARIZONA	11	11,240	---	---	46	76,649	57	87,889
ARKANSAS	---	---	12	942	---	---	12	942
CALIFORNIA	33	29,939	4	819	1	708	38	31,465
COLORADO	163	261,301	18	8,001	---	---	181	269,302
FLORIDA	1	120	3	365	---	---	4	485
GEORGIA	---	---	6	1,054	---	---	6	1,054
IDAHO	91	48,142	3	560	141	21,806	235	70,503
ILLINOIS	---	---	9	3,539	---	---	9	3,539
INDIANA	---	---	---	---	---	---	---	---
KANSAS	---	---	---	---	---	---	---	---
KENTUCKY	---	---	3	2,224	---	---	3	2,224
LOUISIANA	---	---	---	---	---	---	---	---
MARYLAND	---	---	---	---	---	---	---	---
MICHIGAN	---	---	---	---	---	---	---	---
MINNESOTA	---	---	10	11,035	---	---	10	11,035
MISSISSIPPI	---	---	---	---	---	---	---	---
MISSOURI	---	---	122	168,387	---	---	122	168,387
MONTANA	52	59,417	---	---	48	479,894	100	539,301
NEBRASKA	---	---	---	---	---	---	---	---
NEVADA	39	46,291	---	---	4	300,607	43	346,898
NEW MEXICO	230	375,230	2	609	213	474,596	445	850,435
NEW YORK	---	---	---	---	---	---	---	---
NORTH CAROLINA	---	---	23	19,703	---	---	23	19,703
NORTH DAKOTA	20	17,744	1	10	1	34,232	22	51,985
OHIO	---	---	1	567	---	---	1	567
OKLAHOMA	48	74,631	---	---	17	1,812	65	76,443
OREGON	3	5,403	---	---	---	---	3	5,403
PENNSYLVANIA	---	---	2	80	---	---	2	80
SOUTH DAKOTA	---	---	---	---	1	30	1	30
TENNESSEE	---	---	3	1,545	---	---	3	1,545
TEXAS	---	---	---	---	---	---	---	---
UTAH	270	399,994	---	---	3	340	273	400,334
VIRGINIA	---	---	1	355	---	---	1	355
WASHINGTON	3	551	---	---	73	61,574	76	62,125
WEST VIRGINIA	---	---	---	---	---	---	---	---
WISCONSIN	---	---	40	41,238	---	---	40	41,238
WYOMING	121	265,828	5	560	12	8,376,594	138	8,642,982
TOTAL 12/31/80	1,091	1,601,342	269	261,644	562	9,829,058	1,922	11,692,054
TOTAL 12/31/79	1,104	1,620,235	229	236,667	651	8,316,784	1,984	10,173,686

PART 3

FEDERAL AND INDIAN LANDS

OIL, GAS, AND MINING OPERATIONS
ALL LEASABLE MINERALS - ALL LANDS

The eight pages in this part show recapitulations of the production value and royalty value of all leasable minerals from oil and gas operations and mining operations (mining 1976, represents 18 months, July 1975-December 1976) through Calendar Year 1980

The U.S. units of measure and metric equivalencies 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	=	Hectares (ha)

CUMULATIVE PRODUCTION, VALUE, AND ROYALTY
OIL AND GAS, AND MINING OPERATIONS ALL FEDERAL AND INDIAN LANDS
1920 THROUGH 1980

PRODUCT	PRODUCTION		VALUE	ROYALTY
OIL	12,529,252,126	BARRELS	\$ 57,955,823,635	\$ 6,633,166,820
CONDENSATE	389,990,446	BARRELS	2,483,434,954	411,993,274
GAS	76,264,611,610	MCF	38,197,391,730	5,860,814,624
GASOLINE & LPG	32,240,491,293	GALLONS	2,770,472,178	183,966,218
SULFUR	17,657,279	TONS	408,915,060	45,901,173
SALT	4,751,619	TONS	773,882	129,546
CARBON DIOXIDE	9,651,490	MCF	1,794,176	179,181
OIL LOST	193,413	BARRELS	1,680,906	202,630
GAS LOST	157,974,309	MCF	105,803,830	15,610,287
GEOTHERMAL	335,167,304	KWH	6,032,991	754,124
HOTWATER	1,088,400	GALLONS	26,175	2,618
COAL	842,180,693	TONS	5,652,942,377	180,460,201
COPPER	338,274	TONS	167,058,668	12,365,942
FLUORSPR	313,663	TONS	19,110,686	761,599
LEAD	10,278,990	TONS	1,543,605,932	79,868,670
LYMESTONE	3,465,176	TONS	4,516,236	267,254
PHOSPHATE	107,255,858	TONS	486,198,002	32,230,645
POTASH	121,780,763	TONS	3,118,402,476	129,096,015
SAND-GRVL	136,910,446	TONS	140,513,086	10,782,587
SODIUM	58,321,555	TONS	2,039,411,127	90,117,327
OIL SHALE	4,904	TONS	49,040	813
URANIUM	30,389,331	TONS	558,345,094	90,559,760
ZINC	1,047,645	TONS	196,886,395	8,820,694
OTHER	18,823,926	TONS	62,604,025	1,996,284

TOTAL VALUE AND ROYALTY - ALL PRODUCTS
1920-1980.

\$ 15,961,792,661 \$ 15,790,048,286

Report # 16 for city of Brown Brook

ALL LEASABLE MINERALS

ALL LANDS

: YEAR :	OIL & GAS OPERATIONS :		MINING OPERATIONS :		TOTALS :	
	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)
PRIOR	3,962,892,770	479,049,614	1,366,454,797	59,267,020	5,329,347,567	538,316,634
1955	453,807,338	57,039,197	126,640,567	5,439,350	580,447,905	62,478,547
1956	503,478,488	65,198,542	138,153,355	6,400,262	641,631,843	71,598,804
1957	611,169,539	79,623,595	151,765,825	7,500,388	762,935,364	87,123,983
1958	704,875,252	92,369,599	144,122,942	7,113,251	848,998,194	99,482,850
1959	836,745,550	112,157,805	158,537,337	7,555,883	995,282,887	119,717,688
1960	902,639,043	125,033,051	168,169,302	7,998,733	1,070,808,345	133,031,784
1961	1,002,975,187	142,214,664	164,638,800	8,073,690	1,167,613,987	150,288,354
1962	1,113,672,550	160,872,961	175,807,453	8,696,972	1,289,480,003	169,569,933
1963	1,217,243,005	175,920,358	168,467,345	8,272,590	1,385,710,350	184,292,948
1964	1,274,318,642	186,451,832	193,200,558	9,449,201	1,467,519,200	195,901,033
1965	1,392,343,655	200,268,913	205,642,733	10,323,499	1,601,986,388	210,592,412
1966	1,633,375,256	237,589,177	217,793,102	10,206,641	1,851,168,358	247,895,818
1967	1,808,604,711	266,062,059	213,964,763	9,740,132	2,022,569,474	275,802,191
1968	2,040,564,712	309,692,808	200,029,988	9,749,955	2,240,594,700	319,442,763
1969	2,339,759,286	352,238,196	217,547,366	10,524,721	2,557,306,652	362,762,917
1970	2,623,999,714	397,934,189	244,183,547	11,782,776	2,868,183,261	409,716,965
1971	3,073,951,781	466,040,455	292,983,054	14,224,154	3,367,934,835	480,264,649
1972	3,147,539,339	478,761,431	301,665,480	14,840,751	3,449,204,819	493,602,182
1973	3,561,622,293	535,694,739	335,212,040	16,450,387	3,896,904,333	552,145,126
1974	5,298,591,058	779,914,503	463,841,307	21,273,175	5,762,432,365	801,187,682
1975	5,840,682,817	860,889,494	681,281,292	31,560,221	6,521,964,109	892,449,715
1976	6,558,937,447	978,491,215	1,370,087,250	60,530,430	7,929,024,697	1,039,021,645
1977	8,233,176,629	1,235,254,904	1,188,111,897	55,196,984	9,421,288,526	1,290,451,888
1978	9,888,373,312	1,512,061,761	1,375,361,333	60,505,256	11,263,734,645	1,572,567,017
1979	13,040,075,852	1,995,002,729	1,808,523,085	74,286,804	14,848,598,937	2,069,289,533
1980	13,866,734,291	2,870,892,704	1,952,386,626	90,160,521	20,819,120,917	2,961,053,225
THROUGH						
1980	101,932,149,517	15,152,720,495	14,029,643,144	637,327,791	115,961,792,661	15,790,048,286

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

ALL LEASABLE MINERALS

PUBLIC LANDS

: YEAR :	OIL & GAS OPERATIONS :		MINING OPERATIONS :		TOTALS :	
	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)
PPRIOR	3,129,601,471	365,118,030	1,074,266,483	36,284,253	4,203,867,954	401,402,323
1955	340,933,265	41,508,394	110,180,982	3,898,463	451,114,247	45,406,857
1956	370,388,103	46,402,379	114,466,311	4,090,367	484,854,414	50,492,746
1957	438,229,644	54,873,743	117,585,059	4,027,463	555,814,702	58,901,224
1958	441,831,410	54,606,791	113,762,625	4,027,243	555,594,035	58,634,034
1959	462,191,091	57,759,779	128,001,644	4,603,168	590,192,735	62,362,947
1960	486,166,964	60,530,568	135,705,008	5,149,690	621,871,972	65,680,258
1961	532,630,875	68,563,629	135,158,751	5,071,165	667,789,630	73,634,794
1962	540,203,537	67,377,008	146,870,598	5,919,691	687,074,135	73,296,699
1963	570,768,041	71,458,113	145,059,321	6,075,039	715,827,362	77,533,152
1964	588,165,200	73,185,591	164,907,550	6,881,736	753,072,750	80,067,327
1965	629,806,527	74,367,529	178,248,796	7,552,158	808,055,313	81,919,727
1966	663,870,349	77,829,112	188,591,833	7,845,471	852,462,181	85,678,583
1967	669,405,075	83,090,564	182,063,427	7,237,617	851,468,502	90,328,181
1968	691,700,842	85,802,946	152,780,218	6,208,020	844,481,060	92,010,366
1969	725,358,671	89,434,919	157,036,707	6,435,759	882,395,278	95,870,678
1970	735,996,028	90,463,322	162,956,407	6,634,557	898,952,435	97,097,929
1971	754,688,757	91,563,819	190,711,394	7,536,652	945,400,151	99,109,471
1972	741,926,643	91,672,074	192,593,828	7,444,209	934,520,471	99,216,282
1973	883,538,045	108,921,058	204,601,678	8,201,515	1,088,139,523	117,122,576
1974	1,419,743,294	177,008,048	279,419,236	10,700,924	1,699,162,530	187,709,372
1975	1,566,863,379	196,332,960	425,058,758	16,413,954	1,992,922,137	212,746,954
1976	1,766,708,991	223,744,054	918,601,711	33,192,864	2,685,310,702	256,936,528
1977	2,055,567,664	258,117,693	791,693,019	25,283,063	2,847,260,683	283,400,696
1978	2,362,019,771	297,722,511	1,016,429,345	33,225,067	3,378,449,116	330,947,518
1979	3,181,175,345	396,577,532	1,211,631,387	38,946,120	4,392,806,732	435,523,652
1980	4,888,413,406	605,473,055	1,382,470,617	57,270,442	6,271,884,023	662,743,497
THROUGH						
1980	31,637,897,401	3,909,525,241	10,030,852,503	366,260,740	41,668,744,904	4,275,785,981

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 16 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A CY BASIS

ALL LEASABLE MINERALS

OUTER CONTINENTAL SHELF

: YEAR :	OIL & GAS OPERATIONS :		MINING OPERATIONS :		TOTALS :	
	VALUE(\$)	ROYALTY(\$)	VALUE(\$)	ROYALTY(\$)	VALUE(\$)	ROYALTY(\$)
PRIOR	15,406,959	3,716,869	--	--	15,406,959	3,716,869
1955	27,060,679	5,140,006	--	--	27,060,679	5,140,006
1956	39,497,871	7,629,383	--	--	39,497,871	7,629,383
1957	61,072,589	11,391,245	--	--	61,072,589	11,391,245
1958	96,471,136	17,423,878	--	--	96,471,136	17,423,878
1959	150,472,527	26,539,977	--	--	150,472,527	26,539,977
1960	200,969,615	37,095,301	--	--	200,969,615	37,095,301
1961	273,636,456	47,920,332	--	--	273,636,456	47,920,332
1962	376,675,900	66,096,334	--	--	376,675,900	66,096,334
1963	450,866,484	76,999,225	--	--	450,866,484	76,999,225
1964	506,783,510	88,400,230	--	--	506,783,510	88,400,230
1965	594,222,732	102,862,540	--	--	594,222,732	102,862,540
1966	601,724,611	136,987,537	--	--	601,724,611	136,987,537
1967	947,214,691	157,607,609	--	--	947,214,691	157,607,609
1968	1,179,912,209	201,136,931	--	--	1,179,912,209	201,136,931
1969	1,443,870,472	240,090,666	--	--	1,443,870,472	240,090,666
1970	1,707,593,450	283,494,568	--	--	1,707,593,450	283,494,568
1971	2,135,677,078	350,042,488	--	--	2,135,677,078	350,042,488
1972	2,229,179,121	363,556,339	--	--	2,229,179,121	363,556,339
1973	2,486,864,855	401,126,114	--	--	2,486,864,855	401,126,114
1974	3,570,053,959	560,283,889	--	--	3,570,053,959	560,283,889
1975	3,924,914,930	615,544,570	--	--	3,924,914,930	615,544,570
1976	4,402,439,996	699,424,790	--	--	4,402,439,996	699,424,790
1977	5,774,056,434	919,647,466	--	--	5,774,056,434	919,647,466
1978	7,096,500,055	1,150,346,082	--	--	7,096,500,055	1,150,346,082
1979	9,273,278,309	1,515,347,950	--	--	9,273,278,309	1,515,347,950
1980	13,055,515,832	2,136,663,425	--	--	13,055,515,832	2,136,663,425
THROUGH						
1980	62,825,932,459	10,222,515,744	--	--	62,825,932,459	10,222,515,744

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 13 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

ALL LEASABLE MINERALS

ACQUIRED LANDS

: YEAR :	OIL & GAS OPERATIONS :		MINING OPERATIONS :		TOTALS :	
	VALUE (\$)	ROYALTY (%)	VALUE (\$)	ROYALTY (%)	VALUE (\$)	ROYALTY (%)
PRIOR	68,776,966	9,195,874	11,176,002	360,053	79,952,968	9,545,927
1955	21,494,341	2,601,401	2,081,852	97,906	23,576,193	2,699,307
1956	21,786,030	2,489,271	2,277,315	92,455	24,063,345	2,581,726
1957	23,797,089	2,924,892	3,047,516	79,230	26,844,604	3,004,112
1958	22,733,661	2,858,474	1,966,237	57,169	24,652,372	2,915,643
1959	22,252,125	2,823,676	2,227,633	68,803	24,479,758	2,892,479
1960	21,609,448	2,692,050	1,421,712	48,006	23,021,160	2,740,456
1961	21,092,600	2,685,188	1,302,796	50,749	22,395,396	2,735,937
1962	21,855,493	2,712,625	1,581,185	57,165	23,439,678	2,769,790
1963	23,827,687	2,998,321	889,101	35,270	24,716,788	3,033,591
1964	30,080,513	3,904,080	2,415,337	95,661	32,495,850	3,995,741
1965	29,041,769	3,671,930	3,963,835	155,864	33,005,604	3,827,794
1966	34,649,984	4,334,594	3,874,555	150,018	38,524,539	4,484,612
1967	43,963,962	5,145,645	4,360,374	171,643	48,324,336	5,317,286
1968	38,563,626	4,732,631	13,230,628	577,265	51,794,254	5,260,016
1969	40,225,720	4,804,175	25,110,909	1,163,133	65,336,629	5,967,308
1970	40,359,118	5,007,148	42,082,489	1,702,557	82,441,607	6,709,705
1971	40,782,092	4,846,045	54,380,498	2,204,420	95,162,590	7,050,465
1972	37,395,345	4,465,629	52,866,175	2,173,457	90,261,520	6,635,086
1973	37,644,388	4,549,854	68,223,450	2,778,820	105,867,638	7,325,674
1974	47,484,861	5,634,460	102,683,409	4,355,618	150,168,269	9,694,078
1975	52,031,760	6,471,695	145,658,594	6,425,781	197,730,354	12,900,476
1976	58,231,127	7,328,424	195,923,805	8,825,155	254,154,932	16,153,579
1977	62,167,379	8,002,598	168,956,384	7,621,256	231,123,763	15,623,894
1978	66,376,892	11,009,129	143,577,522	6,568,937	209,954,414	17,578,066
1979	102,000,058	13,418,357	286,561,679	13,756,210	388,561,737	27,174,567
1980	210,722,386	25,891,351	255,828,801	12,792,525	466,551,187	38,683,876
THROUGH						
1980	1,240,949,419	157,189,507	1,600,709,792	72,422,884	2,841,659,211	229,612,391

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

ALL LEASABLE MINERALS

MILITARY & MISCELLANEOUS LANDS

YEAR	OIL & GAS OPERATIONS		MINING OPERATIONS		TOTALS	
	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)	VALUE (\$)	ROYALTY (\$)
PRIOR	10,451,425	1,901,339	--	--	10,451,425	1,901,339
1945	5,072,850	948,472	--	--	5,072,850	948,472
1946	7,080,995	1,168,661	--	--	7,080,995	1,168,661
1947	8,932,145	1,254,996	--	--	8,932,145	1,254,996
1948	7,751,892	1,103,759	--	--	7,751,892	1,103,759
1949	8,764,243	1,234,428	--	--	8,764,243	1,234,428
1950	8,978,714	1,344,500	--	--	8,978,714	1,344,500
1951	12,615,513	1,825,244	--	--	12,615,513	1,825,244
1952	23,952,600	4,719,189	--	--	23,952,600	4,719,189
1953	22,828,332	4,689,407	--	--	22,828,332	4,689,407
1954	20,773,093	4,168,282	--	--	20,773,093	4,168,282
1955	16,954,624	3,039,908	--	--	16,954,624	3,039,908
1956	14,607,319	2,569,246	--	--	14,607,319	2,569,246
1957	10,929,206	1,895,506	--	--	10,929,206	1,895,506
1958	9,499,857	1,584,099	--	--	9,499,857	1,584,099
1959	8,127,407	1,334,945	--	--	8,127,407	1,334,945
1960	7,532,029	1,214,654	--	--	7,532,029	1,214,654
1961	6,957,970	1,131,671	--	--	6,957,970	1,131,671
1962	7,495,344	1,179,065	--	--	7,495,344	1,179,065
1963	9,060,059	1,429,275	--	--	9,060,059	1,429,275
1964	12,003,065	1,918,466	--	--	12,003,065	1,918,466
1965	9,634,756	1,727,246	--	--	9,634,756	1,727,246
1966	14,214,420	2,274,961	--	--	14,214,420	2,274,961
1967	10,840,613	1,774,001	--	--	10,840,613	1,774,001
1968	16,624,271	2,746,582	--	--	16,624,271	2,746,582
1969	14,452,491	2,374,887	--	--	14,452,491	2,374,887
1970	22,984,763	3,761,044	--	--	22,984,763	3,761,044
THROUGH						
1980	229,119,996	36,313,833	--	--	229,119,996	36,313,833

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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ALL LEASABLE MINERALS

NAVAL PETROLEUM RESERVE LANDS

: YEAR :	OIL & GAS OPERATIONS VALUE (\$)	ROYALTY (\$)	: MINING OPERATIONS VALUE (\$)	ROYALTY (\$)	: TOTALS VALUE (\$)	ROYALTY (\$)	:
PROR	253,112,925	43,648,256	--	--	253,112,925	43,648,256	
1945	7,969,936	986,632	--	--	7,969,936	986,632	
1956	8,754,450	1,089,978	--	--	8,754,450	1,089,978	
1957	9,658,870	1,188,815	--	--	9,658,870	1,188,815	
1958	9,745,710	1,208,991	--	--	9,745,710	1,208,991	
1959	16,215,483	2,210,600	--	--	16,215,483	2,210,600	
1960	16,404,711	2,219,588	--	--	16,404,711	2,219,588	
1961	15,257,343	2,083,119	--	--	15,257,343	2,083,119	
1962	14,469,256	1,965,195	--	--	14,469,256	1,965,195	
1963	14,172,503	1,941,841	--	--	14,172,503	1,941,841	
1964	12,994,538	1,779,782	--	--	12,994,538	1,779,782	
1965	12,654,917	1,733,302	--	--	12,654,917	1,733,302	
1966	11,696,122	1,596,662	--	--	11,696,122	1,596,662	
1967	10,453,129	1,370,414	--	--	10,453,129	1,370,414	
1968	9,947,967	1,276,892	--	--	9,947,967	1,276,892	
1969	10,317,665	1,352,546	--	--	10,317,665	1,352,546	
1970	12,061,960	1,648,658	--	--	12,061,960	1,648,658	
1971	11,945,210	1,601,977	--	--	11,945,210	1,601,977	
1972	10,283,560	1,332,132	--	--	10,283,560	1,332,132	
1973	10,261,609	1,280,975	--	--	10,261,609	1,280,975	
1974	13,916,601	1,658,832	--	--	13,916,601	1,658,832	
1975	14,626,808	1,609,487	--	--	14,626,808	1,609,487	
1976	12,434,705	1,346,889	--	--	12,434,705	1,346,889	
1977-80 THROUGH	--	--	--	--	--	--	
1980	519,356,078	78,131,562	--	--	519,356,078	78,131,562	

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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ALL LEASABLE MINERALS

INDIAN LANDS

: YEAR :	OIL & GAS OPERATIONS :		MINING OPERATIONS :		TOTALS :	
	VALUE(\$)	ROYALTY(\$)	VALUE(\$)	ROYALTY(\$)	VALUE(\$)	ROYALTY(\$)
PRIOR	481,543,024	55,479,246	281,012,312	22,622,674	762,555,336	78,101,920
1955	51,276,267	5,854,292	14,377,733	1,442,981	65,654,000	7,297,273
1956	55,971,039	6,418,870	21,409,729	2,217,440	77,380,768	8,636,310
1957	69,479,204	7,989,914	31,133,250	3,293,677	100,612,454	11,383,591
1958	126,341,443	15,167,706	28,354,080	3,028,839	154,735,523	18,196,545
1959	176,850,081	21,589,345	28,308,060	2,887,912	205,158,141	24,477,257
1960	168,509,591	21,151,044	27,042,582	2,800,437	195,552,173	23,951,481
1961	147,742,396	19,117,152	28,177,253	2,951,776	175,919,649	22,068,928
1962	136,512,664	18,002,610	27,355,670	2,720,116	163,868,334	20,722,726
1963	134,779,958	17,833,451	22,518,923	2,262,281	157,298,881	20,095,732
1964	115,521,788	15,013,867	25,877,671	2,471,804	141,399,459	17,485,671
1965	109,663,086	14,593,704	27,430,112	2,615,427	137,093,198	17,209,141
1966	106,826,872	14,272,026	25,326,714	2,307,152	132,153,586	16,579,178
1967	126,638,644	16,952,321	27,540,962	2,330,874	154,179,606	19,283,195
1968	110,940,205	15,159,309	34,019,142	3,014,550	144,959,347	18,173,859
1969	111,859,351	15,220,945	32,359,750	2,925,829	144,259,101	18,146,774
1970	120,457,129	16,105,829	38,144,651	3,445,622	158,601,780	19,551,451
1971	123,900,674	16,854,455	48,851,162	4,483,122	172,791,836	21,337,577
1972	121,259,326	16,556,192	56,205,477	5,123,086	177,464,803	21,679,278
1973	134,253,337	18,387,462	62,457,112	5,470,049	196,710,449	23,857,512
1974	235,389,278	33,410,808	81,738,663	6,212,637	317,127,941	39,623,445
1975	272,611,184	39,203,536	106,523,940	8,717,446	379,135,124	47,920,982
1976	304,908,208	44,372,088	255,561,734	18,512,411	560,469,942	62,884,497
1977	330,544,539	47,713,146	227,462,494	22,292,685	558,007,033	70,005,831
1978	346,852,323	50,237,457	215,354,446	20,711,312	562,206,769	70,948,769
1979	469,169,649	67,284,002	310,330,019	21,584,464	779,499,668	88,868,467
1980	689,097,904	99,103,829	313,087,208	20,097,554	1,002,185,112	119,201,383
THROUGH						
1980	5,378,899,164	729,044,608	2,398,080,849	198,644,107	7,776,980,013	927,688,775

** DUE TO THE CHANGE IN THE F/Y, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (7/75-12/76). SUBSEQUENTLY, ALL DATA WILL BE ON A C/Y BASIS

Part 4
Federal and Indian Lands
Production and Revenue

Total production from supervised Federal and Indian lands during Calendar Year 1980 amounted to 112,462,314 tons, valued at \$1,952,386,626, returning royalties of \$90,160,521 as contrasted with Calendar Year 1979, (107,303,846 tons, valued at \$1,808,523,085 and returning royalties of \$74,286,804), the overall average increase in tons, value, and royalty amounted to about 8%. Coal accounted for the largest increase in tons, which exceeded 92.9 million tons.

The following tabulation is a percentage breakdown of the 1980 royalties (\$90.2 million and the cumulative royalties (\$637.3 million) from 1920 through 1980 by Federal and Indian lands:

	Federal Lands		Indian Lands		Grand Total	
	1980	1920-1980	1980	1920-1980	1980	1920-1980
	(%)	(%)	(%)	(%)	(%)	(%)
Potash	12	21	-	-	12	21
Coal	36	20	9	8	45	28
Uranium	-	-	11	14	11	14
Lead	12	9	-	3	12	12
Sodium	12	14	-	-	12	14
Phosphate	3	3	2	2	5	5
Other	<u>2</u>	<u>2</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>6</u>
Total	<u>77</u> (%)	<u>69</u>	<u>23</u> (%)	<u>31</u>	<u>100</u> (%)	<u>100</u>

MINING OPERATIONS
PRODUCTS AND LANDS
CALENDAR YEAR 1960

PRODUCT & LAND CATEGORY	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
COAL	(TONS)		
PUBLIC	69,059,526	84,609,365	32,251,772
ACQUIRED	2,992	89,727	3,589
INDIAN	23,517,335	245,013,131	7,874,061
TOTAL	92,969,847	1,103,912,223	40,129,422
COPPER			
ACQUIRED	15,290	6,026,653	301,333
INDIAN	2,416	3,488,321	431,760
TOTAL	17,706	9,514,974	733,093
FLUORSPER			
ACQUIRED	7,275	1,114,051	50,132
LEAD			
ACQUIRED	429,953	222,052,333	11,102,646
LIMESTONE			
ACQUIRED	1,590	14,515	726
PHOSPHATE			
PUBLIC	5,027,582	41,840,737	2,503,347
ACQUIRED	159,391	2,249,442	113,749
INDIAN	1,460,590	14,543,959	1,644,896
TOTAL	6,677,563	58,629,139	4,071,992
POPLASH			
PUBLIC	3,948,370	262,587,277	11,363,036
SAND-GRAVEL			
PUBLIC	285,736	483,700	32,651
INDIAN	1,863,100	2,603,339	473,448
TOTAL	2,148,836	3,087,039	506,099
SODIUM			
PUBLIC	2,534,673	223,346,154	11,074,198
OIL SHALE			
PUBLIC	4,904	49,040	813
URANIUM			
INDIAN	3,062,891	42,701,883	9,812,004
ZINC			
ACQUIRED	101,949	23,798,041	1,189,482
OTHER			
PUBLIC	19,754	354,334	44,625
ACQUIRED	85,656	484,039	30,868
INDIAN	211,032	731,575	51,385
TOTAL	316,457	1,569,948	126,878
TOTAL ALL PRODUCTS	112,462,314	1,952,386,626	90,160,521

PRODUCTION VALUE AND ROYALTY
MINING OPERATIONS, ALL FEDERAL AND INDIAN LANDS

CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	30,357	792,746	31,875
ARIZONA	11,550,164	140,603,652	4,838,872
ARKANSAS	12	4,296	215
CALIFORNIA	1,565,128	102,117,106	5,227,021
COLORADO	9,403,547	182,134,790	8,867,571
FLORIDA	189,391	2,249,442	113,749
GEORGIA	37,847	204,373	9,462
IDAHO	6,407,104	54,264,639	3,852,000
ILLINOIS	14,325	1,292,004	58,416
KENTUCKY	2,992	89,727	3,589
MINNESOTA	14,032	203,218	8,129
MISSOURI	546,775	251,760,373	12,588,211
MONTANA	13,218,962	115,267,784	4,392,532
NEVADA	579,735	3,788,209	189,460
NEW MEXICO	23,781,509	462,929,218	29,574,969
NORTH DAKOTA *	606,046	(7,182,586)	(352,095)
OKLAHOMA	413,827	11,978,276	851,868
UTAH	8,722,229	199,768,910	4,606,180
VIRGINIA	1,890	14,515	726
WASHINGTON	110,243	110,243	19,342
WYOMING	35,266,196	429,395,491	15,277,429
TOTAL 1980	112,462,314	1,952,386,626	90,160,521

* CREDITS REPRESENT PRIOR YEAR ADJUSTMENTS

CUMULATIVE PRODUCTION, VALUE, AND ROYALTY
MINING OPERATIONS, ALL FEDERAL AND INDIAN LANDS

1920 THROUGH 1980

PRODUCT	PRODUCTION TUNS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
COAL	842,180,693	\$ 5,652,942,377	\$ 180,460,201
COPPER	338,274	167,058,668	12,365,942
FLUORSPR	313,663	19,110,686	761,599
LEAD	10,278,990	1,543,605,932	79,866,670
LIMESTONE	3,465,176	4,516,236	267,254
PHOSPHATE	107,255,858	406,198,002	32,230,645
POTASH	121,780,763	3,118,402,476	129,096,015
SAND-GRVL	136,910,446	140,513,086	10,792,587
SODIUM	58,321,555	2,039,411,127	90,117,327
OIL SHALE	4,904	49,040	813
URANIUM	30,389,331	596,345,094	90,559,760
ZINC	1,047,645	196,886,395	8,820,694
OTHER	18,823,926	62,664,025	1,996,284
TOTAL ALL PRODUCTS 1920-1980. . . .	1,331,111,224	\$ 14,029,643,144	\$ 637,327,791

CUMULATIVE PRODUCTION VALUE AND ROYALTY
MINING OPERATIONS, ALL FEDERAL AND INDIAN LANDS

1920 THROUGH 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	1,624,886	6,149,355	296,296
ALASKA	18,376,127	131,760,234	2,075,108
ARIZONA	121,993,124	771,565,268	47,244,560
ARKANSAS	141,175	1,641,228	85,174
CALIFORNIA	46,656,372	1,207,997,456	51,703,662
COLORADO	74,680,465	790,619,502	23,134,500
FLORIDA	811,161	3,042,729	174,119
GEORGIA	535,175	2,910,294	108,475
IDAHO	90,108,970	424,904,994	29,890,650
ILLINOIS	352,325	20,056,762	819,253
KENTUCKY	2,994,873	26,007,368	1,007,063
LOUISIANA	1,010,609	2,455,000	134,595
MAINE	68	9,711	818
MICHIGAN	6,603	4,402	440
MINNESOTA	602,615	124,562	30,727
MISSISSIPPI	23,621	31,568	2,759
MISSOURI	5,757,498	1,530,961,230	69,573,840
MONTANA	143,907,744	608,557,409	28,070,621
NEVADA	4,337,044	30,124,816	1,326,480
NEW MEXICO	293,899,762	4,069,070,959	228,157,870
NORTH CAROLINA	69,404	315,696	19,154
NORTH DAKOTA	35,978,665	71,781,885	3,800,356
OHIO	489,461	2,066,465	89,459
OKLAHOMA	37,151,320	432,313,005	25,769,812
OREGON	20,605	374,124	24,152
SOUTH CAROLINA	118,541	118,542	5,927
SOUTH DAKOTA	8,085,175	6,092,307	484,903
TENNESSEE	974	81,340	4,452
UTAH	125,963,777	1,165,283,943	22,643,889
VIRGINIA	1,733,962	6,437,711	227,713
WASHINGTON	15,002,893	55,028,681	5,237,356
WISCONSIN	81,421	40,711	3,271
WYOMING	278,724,597	2,580,913,795	95,200,337
1920-1980	1,331,111,224	14,029,643,144	637,327,791

MINING OPERATIONS
ALL PRODUCTS - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	12,176,192	109,881,011	3,784,249
1953	13,113,999	122,551,451	4,552,717
1954	12,929,354	120,705,907	4,766,896
1955	12,874,774	126,640,567	5,439,350
1956	13,523,489	138,153,355	6,400,262
1957	14,696,815	151,765,627	7,500,388
1958	15,138,753	144,122,942	7,113,251
1959	17,360,832	158,537,237	7,559,883
1960	17,895,810	168,169,202	7,998,733
1961	18,161,163	164,638,800	8,073,690
1962	19,283,287	175,807,453	8,696,972
1963	18,049,715	168,467,345	8,372,590
1964	22,212,425	193,200,558	9,449,201
1965	22,680,001	209,642,733	10,323,499
1966	26,153,195	217,793,102	10,306,641
1967	30,803,062	213,964,763	9,740,132
1968	31,971,017	200,029,988	9,749,955
1969	28,852,492	217,547,366	10,524,721
1970	28,875,759	244,183,547	11,782,776
1971	36,025,357	293,983,054	14,224,194
1972	38,899,685	301,665,480	14,840,751
1973	41,706,141	335,282,040	16,450,387
1974	53,607,422	453,841,307	21,273,179
1975	74,932,543	681,281,292	31,560,221
1976	115,634,065	1,370,087,250	60,530,430
1977	90,750,724	1,188,111,897	55,146,984
1978	100,670,727	1,375,361,233	60,505,256
1979	107,303,846	1,808,523,085	74,286,804
1980	112,462,314	1,952,386,626	90,160,521
THROUGH			
1980	1,331,111,224	14,029,643,144	637,227,791

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

MINING OPERATIONS
ALL PRODUCTS - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	165,539,681	764,071,663	26,620,280
1952	10,654,643	94,794,004	2,672,344
1953	11,006,450	108,402,996	3,420,157
1954	10,856,045	106,997,820	3,571,512
1955	9,706,702	110,180,982	3,898,463
1956	10,276,765	114,466,311	4,090,367
1957	10,224,327	117,585,059	4,027,481
1958	9,842,549	113,762,625	4,027,243
1959	10,300,485	128,001,644	4,603,168
1960	11,719,959	139,705,000	5,149,690
1961	10,928,256	135,158,751	5,071,165
1962	11,665,109	146,870,598	5,919,691
1963	11,128,098	145,059,321	6,075,039
1964	12,646,269	164,907,550	6,981,736
1965	13,473,444	178,248,786	7,552,198
1966	15,366,753	188,591,833	7,949,471
1967	15,267,978	182,063,427	7,237,617
1968	15,335,097	152,780,218	6,208,020
1969	16,294,995	157,036,707	6,435,719
1970	15,832,848	163,556,407	6,624,597
1971	18,119,732	190,711,394	7,536,652
1972	17,722,583	192,593,628	7,544,208
1973	21,307,702	204,601,478	8,201,518
1974	30,692,687	279,419,236	10,700,924
1975	37,237,076	429,058,755	16,413,994
1976	71,784,489	918,601,711	33,192,864
1977	61,828,323	791,693,019	25,283,003
1978	74,287,225	1,016,429,365	33,225,007
1979	73,904,995	1,211,631,387	38,946,130
1980	91,210,554	1,383,470,617	57,270,442
THROUGH 1980	997,055,818	10,030,852,503	366,260,740

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
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MINING OPERATIONS
ALL PRODUCTS - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	857,617	6,222,936	198,722
1952	241,112	1,613,712	47,979
1953	150,651	1,119,104	40,236
1954	253,660	2,210,250	73,116
1955	295,924	2,081,852	97,906
1956	551,901	2,277,315	92,455
1957	657,977	3,047,516	79,230
1958	403,616	1,966,237	57,169
1959	435,676	2,227,633	68,803
1960	436,637	1,421,712	48,606
1961	335,174	1,302,796	50,749
1962	199,849	1,181,185	57,165
1963	101,804	889,101	35,270
1964	175,566	2,415,337	95,661
1965	319,593	3,063,835	155,864
1966	236,940	3,874,555	150,018
1967	194,899	4,260,374	171,641
1968	259,653	13,230,628	527,385
1969	272,105	28,110,909	1,163,133
1970	285,032	42,082,489	1,702,557
1971	535,916	54,380,498	2,204,420
1972	744,391	52,865,175	2,173,457
1973	893,100	68,223,450	2,778,820
1974	985,229	102,683,408	4,359,618
1975	808,680	145,693,594	6,428,781
1976	1,564,303	195,923,805	8,825,155
1977	740,405	168,956,384	7,621,296
1978	696,607	143,577,522	6,568,937
1979	709,925	286,561,679	13,756,210
1980	834,346	255,828,801	12,792,525
THROUGH 1980	15,178,343	1,606,709,792	72,422,884

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

MINING OPERATIONS
ALL PRODUCTS - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	15,968,968	243,011,829	19,344,166
1952	1,280,477	13,473,295	1,063,926
1953	1,956,898	13,029,351	1,092,324
1954	1,825,649	11,497,837	1,122,258
1955	2,872,148	14,377,733	1,442,981
1956	2,694,823	21,409,729	2,217,440
1957	3,814,511	31,133,250	3,393,677
1958	4,892,588	28,394,080	3,028,839
1959	6,624,671	28,308,660	2,887,912
1960	5,739,214	27,042,182	2,800,437
1961	6,997,733	28,177,253	2,951,776
1962	7,418,331	27,355,670	2,720,116
1963	6,819,813	22,518,423	2,262,281
1964	9,390,590	25,877,671	2,471,804
1965	8,886,964	27,430,112	2,615,437
1966	10,549,502	25,325,714	2,307,152
1967	14,340,185	27,540,962	2,330,874
1968	16,376,267	34,019,142	3,014,550
1969	12,285,392	32,399,750	2,925,829
1970	12,757,873	38,144,651	3,445,622
1971	17,369,709	48,891,162	4,453,122
1972	20,432,711	56,205,477	5,123,086
1973	19,505,339	62,457,112	5,470,049
1974	21,929,506	81,738,663	6,212,637
1975	36,886,787	106,523,940	8,717,446
1976	42,285,273	255,561,734	18,512,411
1977	28,181,996	227,462,494	22,292,685
1978	25,686,895	215,354,446	20,711,312
1979	22,688,926	310,330,019	21,584,464
1980	30,417,364	313,087,208	20,097,554
THROUGH			
1980	428,877,063	2,398,080,844	198,644,167

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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COAL - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1950	166,666,822	470,703,740	17,941,585
1951	7,394,300	37,470,859	878,563
1952	5,941,659	32,012,676	735,150
1953	5,804,590	31,257,737	711,206
1954	5,738,854	32,713,032	711,552
1955	5,295,176	22,162,727	667,746
1956	4,871,491	30,317,450	612,711
1957	5,185,183	31,856,892	631,846
1958	5,170,678	32,041,288	647,621
1959	5,766,496	31,263,000	742,384
1960	5,439,813	26,646,129	704,807
1961	7,123,786	31,681,868	942,906
1962	8,177,740	33,999,818	1,144,717
1963	8,200,704	38,232,196	1,146,458
1964	9,508,930	46,462,987	1,291,903
1965	9,148,597	40,291,444	1,278,854
1966	10,106,694	41,565,808	1,472,581
1967	12,044,158	48,063,591	1,759,862
1968	17,262,736	70,552,593	2,654,025
1969	18,966,149	78,256,307	3,118,587
1970	24,246,718	93,307,129	4,043,647
1971	32,139,249	140,307,248	5,535,308
1972	43,550,190	224,947,304	8,235,107
1973	86,434,913	571,137,435	18,877,624
1974	74,848,169	592,501,108	16,661,093
1975	79,241,101	714,200,558	19,686,930
1976	84,855,837	904,997,230	27,395,984
1977	92,909,847	1,103,912,223	40,129,422
THROUGH 1980	342,190,693	5,652,942,377	180,460,201

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

COAL - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	157,051,647	433,525,359	16,859,563
1954	7,182,303	36,339,838	853,425
1955	5,725,871	30,879,149	709,519
1956	5,703,418	30,683,807	699,185
1957	5,690,912	32,461,428	705,534
1958	5,201,532	31,441,864	657,761
1959	4,807,152	29,928,160	603,494
1960	5,090,995	31,265,590	616,495
1961	5,131,625	31,818,274	642,486
1962	5,733,181	31,077,596	737,833
1963	4,936,100	25,467,936	630,179
1964	5,408,671	27,870,665	704,293
1965	5,480,621	27,260,892	741,270
1966	6,079,342	32,704,457	813,255
1967	6,985,928	40,091,589	913,799
1968	6,698,414	33,983,807	911,330
1969	7,481,739	34,902,185	1,079,035
1970	7,444,581	36,815,946	1,069,925
1971	9,917,472	51,679,071	1,466,137
1972	9,882,462	53,315,720	1,515,440
1973	13,592,331	62,471,622	2,088,623
1974	20,178,210	102,823,977	3,245,265
1975	26,655,017	165,561,042	4,730,780
1976	54,464,489	438,354,183	10,761,008
1977	51,864,134	457,808,221	9,799,535
1978	60,168,692	583,865,282	13,374,044
1979	60,227,245	746,466,546	17,353,098
1980	69,089,520	854,809,365	32,251,772
THROUGH			
1980	633,873,604	4,495,673,571	126,534,083

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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COAL - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	290,732	1,185,563	60,698
1954	85,500	394,766	12,022
1955	96,364	420,632	13,862
1956	25,225	90,389	3,784
1957	21,495	82,098	3,224
1958	16,860	57,277	2,527
1959	33,707	129,722	4,891
1960	30,302	112,061	4,547
1961	17,687	71,166	2,528
1962	15,446	62,750	2,265
1963	29,329	118,076	4,343
1964	92,123	368,996	13,768
1965	142,226	970,220	36,287
1966	151,160	604,638	22,673
1967	128,568	514,272	19,285
1968	93,956	375,822	14,093
1969-70	--	--	--
1971	155,660	870,248	38,567
1972	363,688	2,182,121	90,922
1973	441,071	3,076,178	110,268
1974	452,808	3,711,661	128,869
1975	241,689	3,166,080	126,643
1976	317,837	5,813,271	232,530
1977	82,291	1,620,356	65,214
1978	29,875	679,972	27,199
1979	50,227	1,379,712	55,188
1980	2,992	89,727	3,589
TOTAL	3,509,418	28,170,884	1,099,786

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

COAL - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,324,443	35,992,818	1,021,324
1954	126,505	736,255	13,136
1955	119,424	706,895	11,769
1956	75,947	483,541	8,237
1957	26,447	168,506	2,794
1958	76,784	663,486	7,458
1959	30,632	259,568	4,326
1960	63,886	479,241	10,804
1961	21,366	151,848	2,607
1962	17,869	122,654	2,286
1963	474,489	1,060,117	70,285
1964	1,622,992	3,442,207	224,847
1965	2,454,893	5,768,706	367,160
1966	2,070,202	4,923,101	310,530
1967	2,394,434	5,857,126	358,819
1968	2,356,227	5,931,815	353,431
1969	2,624,955	6,663,623	393,546
1970	4,599,577	11,247,645	689,937
1971	7,189,604	17,997,274	1,149,321
1972	8,719,999	22,758,456	1,512,225
1973	10,213,316	27,759,329	1,844,756
1974	11,508,231	33,771,610	2,161,174
1975	16,693,484	56,220,182	3,477,684
1976	31,652,587	126,969,981	7,884,086
1977	22,901,144	133,062,531	6,796,344
1978	19,042,534	129,735,304	6,285,687
1979	24,578,365	247,150,972	9,987,698
1980	23,817,335	249,012,131	7,874,061
THROUGH 1980	204,797,671	1,129,097,922	52,826,332

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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COPPER - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	290	24,412	2,441
1959-60	--	--	--
1961	3,000	600,000	24,080
1962	26,604	850,000	40,918
1963	--	--	--
1964	1,798	106,084	6,903
1965	2,074	221,018	11,051
1966	2,525	158,625	7,729
1967	1,599	304,907	11,984
1968	672	146,548	7,121
1969	10,580	2,215,888	106,950
1970	14,736	3,748,534	179,692
1971	16,827	4,136,733	197,947
1972	14,166	2,995,064	152,805
1973	7,659	2,671,111	158,211
1974	5,481	6,086,550	563,395
1975	10,500	7,139,919	1,330,799
1976	72,067	61,187,320	2,556,433
1977	64,387	34,546,809	3,129,441
1978	35,395	17,418,282	1,740,133
1979	21,208	12,985,890	1,404,816
1980	17,706	9,514,974	733,093
THROUGH			
1980	338,274	167,058,668	12,365,942

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

COPPER - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1964	1,798	106,084	6,903
1965	2,074	221,018	11,051
1966	2,525	158,625	7,729
1967	380	89,824	2,893
1968	--	--	--
1969	223	20,613	1,031
1970-71	--	--	--
1972	22	795	40
1973-80 THROUGH	--	--	--
1980	7,022	596,959	29,647

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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12/76). SUBSEQUENTLY, ALL
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COPPER - ACQUIRED LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
:	TONS :	VALUE(\$):	VALUE(\$):
1967	1,203	199,038	7,961
1968	653	126,608	5,127
1969	10,114	1,928,164	79,208
1970	14,337	3,283,676	133,206
1971	16,300	3,588,164	143,090
1972	13,620	2,457,571	99,095
1973	6,417	1,193,042	48,409
1974	1,833	446,642	20,417
1975	15,965	2,601,369	117,457
1976	30,235	4,301,628	194,577
1977	19,019	2,669,722	120,876
1978	10,071	1,322,707	62,997
1979	14,285	4,309,434	215,502
1980	15,290	6,026,653	301,333
THROUGH			
1980	169,342	34,454,418	1,549,255

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

COPPER - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	290	24,412	2,441
1959-60	--	--	--
1961	3,000	600,000	24,080
1962	26,604	850,000	40,918
1963-66	--	--	--
1967	16	16,045	1,130
1968	19	19,940	1,994
1969	243	267,111	26,711
1970	399	464,858	46,486
1971	527	548,569	54,857
1972	524	536,698	53,670
1973	1,242	1,478,069	109,802
1974	3,648	5,639,908	542,978
1975	3,535	4,538,550	1,213,342
1976	41,832	56,885,692	2,361,856
1977	45,368	31,877,087	3,008,565
1978	25,324	16,095,575	1,677,136
1979	6,923	8,676,456	1,189,314
1980	2,416	3,488,321	431,760
THROUGH			
1980	161,910	132,007,291	10,787,040

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

FLUORSPR - ALL LANDS

(ACQUIRED LANDS ONLY)

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDP	101,855	5,513,782	161,643
1954	16,128	1,009,546	24,719
1955	10,007	579,720	29,936
1956	12,806	783,108	30,070
1957	28,602	1,830,349	25,881
1958	19,082	1,076,117	16,769
1959	16,672	1,002,647	13,032
1960	10,756	582,588	7,691
1961	2,239	116,079	1,476
1962	2,029	118,389	2,166
1963	1,180	58,776	1,195
1964-68	--	--	--
1969	13,865	390,500	39,050
1970	4,124	154,539	14,115
1971	8,908	484,667	40,019
1972	11,198	697,563	69,732
1973	14,664	864,732	86,473
1974	5,698	322,365	30,792
1975	--	--	--
1976	8,267	282,960	20,983
1977	--	--	--
1978	10,334	1,175,027	52,877
1979	7,954	952,169	42,848
1980	7,275	1,114,051	50,132
THROUGH			
1980	313,663	19,110,686	761,599

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

LEAD & ZINC - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,659,442	217,208,991	18,928,963
1954	15,394	1,595,697	135,493
1955	35,536	4,037,633	322,889
1956	36,463	4,326,097	335,223
1957	27,944	3,532,202	282,095
1958	12,852	1,334,832	115,760
1959	2,430	190,731	12,425
1960	3,989	300,270	7,617
1961	9,597	814,415	26,460
1962	17,497	1,671,600	65,047
1963	229,235	1,471,668	67,003
1964	252,365	3,102,996	131,135
1965	370,006	4,436,461	182,691
1966	388,075	4,568,645	202,610
1967	367,362	5,007,380	214,998
1968	328,596	12,346,509	502,368
1969	274,237	24,300,215	995,152
1970	285,282	35,884,761	1,431,023
1971	252,890	44,017,439	1,765,230
1972	280,729	42,195,150	1,695,062
1973	323,238	54,640,388	2,192,473
1974	370,104	75,318,619	3,240,578
1975	417,155	115,339,809	5,108,737
1976	639,260	140,439,616	6,332,161
1977	414,599	135,343,034	6,112,109
1978	364,583	131,652,719	6,021,582
1979	470,177	256,475,722	12,339,140
1980	429,953	222,052,333	11,102,646
THROUGH 1980	10,278,990	1,543,605,932	79,868,670

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
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DATA WILL BE ON A C/Y BASIS

LEAD & ZINC - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1950-60	--	--	--
1961	3,115	388,175	15,527
1962	9,015	1,006,395	40,256
1963	2,887	357,013	12,342
1964	12,584	1,773,580	71,040
1965	16,879	2,732,933	109,317
1966	16,484	2,924,226	116,969
1967	22,039	3,270,092	130,804
1968	78,765	10,983,463	440,174
1969	158,099	23,622,976	958,055
1970	199,750	35,285,261	1,418,742
1971	252,890	44,017,439	1,765,230
1972	280,729	42,195,150	1,695,062
1973	323,238	54,640,388	2,192,473
1974	370,104	75,318,619	3,240,578
1975	417,155	115,339,809	5,108,737
1976	639,260	140,439,616	6,332,161
1977	414,599	135,343,034	6,112,109
1978	364,583	131,652,719	6,021,582
1979	470,177	256,475,722	12,339,140
1980	429,953	222,052,333	11,102,646
THROUGH			
1980	4,482,305	1,299,818,943	59,222,944

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

LEAD & ZINC - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,659,442	217,208,991	18,928,963
1954	15,394	1,595,697	135,493
1955	35,536	4,037,633	322,889
1956	36,463	4,326,097	335,223
1957	27,944	3,532,202	282,095
1958	12,852	1,334,832	115,760
1959	2,430	190,731	12,425
1960	3,989	300,270	7,617
1961	6,482	426,240	10,933
1962	8,482	665,205	24,791
1963	226,348	1,114,655	54,661
1964	239,781	1,329,416	60,095
1965	353,127	1,703,528	73,374
1966	371,591	1,644,419	85,641
1967	345,323	1,737,288	84,194
1968	249,831	1,363,046	62,154
1969	116,138	677,239	37,097
1970	85,532	599,500	12,281
1971-80	--	--	--
THROUGH			
1980	5,796,685	243,786,989	20,645,726

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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LIMESTONE - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	519,282	287,873	28,815
1954	120,419	60,210	6,021
1955	105,683	52,841	5,284
1956	114,215	62,264	5,670
1957	344,962	378,889	17,331
1958	96,317	48,160	4,656
1959	212,794	347,768	9,806
1960	310,682	658,498	16,046
1961	197,326	179,283	7,990
1962	130,514	221,378	8,461
1963	226,149	365,602	23,664
1964	90,881	79,943	3,571
1965	150,412	351,157	41,486
1966	123,404	120,524	6,544
1967	256,564	155,929	11,487
1968	98,960	189,669	10,345
1969	98,563	208,278	11,459
1970	25,700	48,494	2,202
1971	49,989	74,983	3,645
1972	13,241	19,862	3,310
1973	23,405	53,731	4,233
1974	38,602	85,630	6,244
1975	40,013	83,317	9,923
1976	1,060	1,589	35
1977	15,897	65,960	3,298
1978	53,014	272,052	13,603
1979	5,238	27,837	1,399
1980	1,890	14,515	726
THROUGH 1980	3,465,176	4,516,236	267,254

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

LIMESTONE - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--
1957	10,098	24,438	303
1958	--	--	--
1959	3,000	6,870	90
1960	500	1,200	15
1961-67	--	--	--
1968	9,543	45,236	2,262
1969	14,445	61,994	3,100
1970-73	--	--	--
1974	2,715	6,612	331
1975	9,240	24,299	1,215
1976	--	--	--
1977	15,897	65,960	3,298
1978	53,014	272,052	13,603
1979	5,238	27,837	1,392
1980	1,890	14,515	726
THROUGH 1980	125,580	551,013	26,335

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

LIMESTONE - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	519,282	287,873	28,815
1954	120,419	60,210	6,021
1955	105,683	52,841	5,284
1956	114,215	62,264	5,670
1957	334,864	354,451	17,028
1958	96,317	48,160	4,656
1959	209,794	340,898	9,716
1960	310,182	657,298	16,031
1961	197,326	179,283	7,990
1962	130,514	221,378	8,461
1963	226,149	365,602	23,664
1964	90,881	79,943	3,571
1965	150,412	351,157	41,486
1966	123,404	120,524	6,544
1967	256,564	155,929	11,487
1968	89,417	144,433	8,083
1969	84,118	146,284	8,359
1970	25,700	48,494	2,202
1971	49,989	74,983	3,645
1972	13,241	19,862	3,310
1973	23,405	53,731	4,233
1974	35,887	79,018	5,913
1975	30,773	59,018	8,708
1976	1,060	1,589	35
1977-78	--	--	--
1979	--	--	7
1980	--	--	--
THROUGH			
1980	3,339,596	3,965,223	240,919

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
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PHOSPHATE - ALL LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : TONS :	: VALUE(\$):	: VALUE(\$):	: : :
FFICP	4,929,342	15,837,761	782,958
1954	1,340,073	2,824,118	221,758
1955	1,162,091	2,591,542	188,916
1956	1,797,706	3,638,145	323,311
1957	1,608,491	3,122,998	279,018
1958	2,270,518	5,115,004	420,945
1959	2,140,809	5,444,457	421,190
1960	2,497,406	5,809,399	475,561
1961	2,192,928	5,590,077	441,703
1962	2,049,979	5,201,095	407,271
1963	1,992,583	5,197,623	416,846
1964	2,622,818	6,506,308	518,227
1965	3,267,787	8,206,774	637,008
1966	4,353,542	13,264,232	826,699
1967	3,997,014	11,367,274	733,817
1968	4,099,654	12,291,943	918,432
1969	4,204,402	12,634,584	1,061,450
1970	3,701,611	10,755,253	951,904
1971	3,255,768	9,669,476	837,827
1972	3,124,023	9,673,874	811,362
1973	3,155,737	11,314,132	842,576
1974	6,257,629	31,157,655	1,617,547
1975	5,772,211	28,302,163	1,537,560
1976	10,069,177	56,851,289	2,900,871
1977	4,785,319	36,869,571	2,518,824
1978	7,055,343	55,019,662	3,569,093
1979	6,955,335	53,051,305	3,495,979
1980	6,677,563	58,639,138	4,071,992
THROUGH			
1980	107,255,858	486,198,002	32,230,645

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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PHOSPHATE - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,501,747	12,022,264	402,416
1954	591,382	1,938,093	133,820
1955	548,097	1,842,393	114,509
1956	1,069,780	2,593,434	219,486
1957	910,060	2,091,709	181,783
1958	1,198,106	3,680,914	267,514
1959	1,030,347	3,406,710	218,163
1960	1,347,539	3,810,489	276,550
1961	1,283,280	3,960,358	279,335
1962	1,040,962	3,552,397	233,936
1963	1,034,370	3,494,997	247,138
1964	1,214,935	3,914,496	259,682
1965	1,546,620	5,055,659	314,154
1966	2,603,087	10,104,746	511,104
1967	2,405,670	8,636,866	460,939
1968	2,154,289	7,625,824	451,912
1969	1,835,887	6,467,012	444,727
1970	1,724,594	5,578,987	434,507
1971	1,521,121	5,122,235	383,148
1972	1,426,524	5,137,736	357,813
1973	1,067,814	4,007,222	268,890
1974	4,037,580	20,056,117	1,011,803
1975	3,848,574	18,761,034	1,054,188
1976	6,822,746	38,476,674	2,060,358
1977	3,281,205	25,767,270	1,408,888
1978	5,353,531	42,524,913	2,316,450
1979	5,555,723	42,721,244	2,462,973
1980	5,027,582	41,840,737	2,503,347
THROUGH			
1980	63,982,552	334,192,532	19,279,533

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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PHOSPHATE - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	6,712	20,136	1,007
1954	4,428	13,284	664
1955	3,390	10,170	509
1956	4,308	12,922	646
1957	4,070	13,197	660
1958	3,745	15,282	829
1959	3,510	15,808	833
1960	7,565	22,263	1,346
1961	5,295	18,493	945
1962	6,260	15,206	986
1963	4,455	13,808	825
1964	4,805	15,448	909
1965	3,185	7,357	478
1966	4,365	10,083	655
1967	2,130	4,920	320
1968	1,140	2,633	171
1969	415	959	62
1970	2,875	6,641	431
1971	565	1,305	85
1972	795	1,826	119
1973	690	1,594	104
1974	1,639	9,493	497
1975	1,315	10,520	526
1976	390	3,120	156
1977	735	5,880	294
1978-79	--	--	--
1980	189,391	2,249,442	113,749
THROUGH			
1980	268,173	2,498,800	127,806

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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PHOSPHATE - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	2,421,403	3,795,361	379,535
1955	744,263	872,741	87,274
1956	610,604	728,979	73,898
1957	723,618	1,031,789	103,179
1958	694,361	1,018,092	96,575
1959	1,068,667	1,418,808	152,602
1960	1,106,952	2,021,939	202,194
1961	1,142,302	1,976,647	197,665
1962	894,353	1,614,226	161,423
1963	1,001,757	1,723,492	172,349
1964	953,758	1,688,828	168,883
1965	1,403,078	2,576,364	257,636
1966	1,717,982	3,223,758	322,376
1967	1,776,090	3,149,403	314,940
1968	1,489,214	2,725,518	272,558
1969	1,944,225	4,663,486	466,349
1970	2,368,100	6,166,613	616,661
1971	1,974,142	5,169,665	516,966
1972	1,734,082	4,548,936	454,594
1973	1,656,704	4,534,300	453,430
1974	2,097,233	7,305,316	573,582
1975	2,218,409	11,092,045	605,247
1976	1,922,322	9,611,609	482,846
1977	3,246,041	18,371,455	840,357
1978	1,503,379	11,096,421	1,109,642
1979	1,701,812	12,494,749	1,252,643
1980	1,399,612	10,330,061	1,033,006
1981	1,460,590	14,548,959	1,454,896
THROUGH 1980	43,005,133	149,506,670	12,823,306

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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12/76). SUBSEQUENTLY, ALL
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POTASH - ALL LANDS

(PUBLIC LANDS ONLY)

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	21,784,347	407,429,370	12,038,214
1955	2,578,563	52,163,102	2,084,063
1956	2,631,823	58,098,292	2,453,676
1957	2,616,119	58,584,559	2,421,121
1958	2,696,766	59,764,782	2,367,329
1959	2,552,271	55,882,090	2,334,706
1960	3,466,546	69,393,210	2,945,816
1961	4,114,852	78,986,869	3,403,957
1962	3,877,322	72,919,663	3,225,897
1963	3,874,252	98,173,204	4,049,901
1964	4,079,747	90,433,941	4,204,602
1965	4,380,579	94,863,262	4,413,249
1966	4,661,008	108,572,498	5,023,861
1967	4,524,689	107,963,039	5,011,846
1968	4,810,645	94,445,022	4,357,430
1969	4,240,537	69,230,669	3,198,150
1970	3,876,820	56,733,449	2,594,285
1971	3,736,792	65,479,669	2,879,731
1972	3,913,236	83,520,827	3,694,911
1973	3,345,408	72,227,483	3,104,270
1974	3,442,031	75,873,913	3,269,542
1975	3,640,274	96,897,272	3,962,346
1976	3,302,445	132,518,272	5,564,908
1977	5,298,909	204,216,905	9,086,659
1978	3,368,408	127,052,474	5,636,218
1979	3,706,065	167,447,877	6,563,207
1980	3,711,849	196,945,488	7,842,854
1981	3,945,370	262,587,277	11,363,036
THROUGH 1980	121,780,763	3,118,402,476	129,096,015

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

SAND-GRAVEL - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	3,013,912	1,894,565	83,771
1954	606,594	603,034	30,180
1955	1,828,401	1,070,009	59,894
1956	1,346,888	990,440	63,267
1957	1,655,815	1,354,805	78,836
1958	2,293,498	1,409,579	93,279
1959	3,841,375	3,278,320	177,420
1960	3,117,290	2,638,037	146,588
1961	4,568,865	3,294,964	199,852
1962	4,847,371	3,951,481	216,359
1963	4,051,405	3,538,665	237,298
1964	5,182,603	5,020,063	362,135
1965	3,441,293	3,008,627	244,630
1966	5,575,499	5,033,764	376,345
1967	9,160,774	8,667,016	641,380
1968	10,947,608	10,936,961	826,767
1969	5,438,924	5,546,548	348,835
1970	4,470,593	4,620,778	341,823
1971	6,999,983	6,878,806	613,560
1972	9,157,469	9,712,680	885,541
1973	6,205,001	6,846,277	623,196
1974	5,246,903	7,430,041	632,641
1975	16,931,545	18,773,962	842,037
1976	5,276,631	8,696,333	608,549
1977	2,300,657	2,824,116	326,543
1978	3,123,468	3,512,437	452,385
1979	3,931,337	5,793,739	763,375
1980	2,148,836	3,087,039	506,099
THROUGH			
1980	136,910,446	140,513,086	10,782,587

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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12/76). SUBSEQUENTLY, ALL
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SAND-GRAVEL - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1962	17,550	13,000	1,300
1963	--	--	--
1964	5,040	5,040	504
1965	790	585	58
1966-67	--	--	--
1968	22,821	22,821	2,282
1969	40,924	40,924	4,092
1970	46,782	46,782	4,678
1971	26,961	48,029	2,696
1972	56,284	56,284	5,628
1973	69,407	69,407	6,941
1974	99,146	99,146	9,915
1975	66,803	46,030	6,680
1976	140,902	140,902	14,090
1977	144,364	144,364	14,436
1978	317,822	423,221	29,018
1979	768,266	1,213,950	80,895
1980	285,736	482,700	32,651
THROUGH 1980	2,109,598	2,854,185	215,864

** DUE TO THE CHANGE IN THE
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SAND-GRAVEL - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
BEFORE	56,859	82,390	8,367
1954	9,201	5,731	768
1955	98,432	140,595	7,076
1956	309,214	414,298	21,729
1957	460,116	588,843	32,570
1958	259,339	326,805	18,568
1959	271,119	340,892	19,239
1960	323,452	394,290	23,692
1961	207,004	263,825	14,380
1962	87,417	87,276	4,501
1963	32,624	31,010	2,174
1964	27,767	27,179	1,851
1965	20,141	20,141	1,391
1966	1,352	1,352	95
1967	4,404	4,404	296
1968-80 THROUGH	--	--	--
1980	2,168,441	2,729,031	156,697

** DUE TO THE CHANGE IN THE
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SAND-GRAVEL - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	2,457,051	1,812,175	75,404
1955	597,303	597,303	29,412
1956	1,729,969	929,414	52,818
1957	1,037,674	576,142	41,538
1958	1,395,699	765,962	46,266
1959	2,034,159	1,082,774	74,711
1960	3,570,256	2,937,428	158,181
1961	2,793,838	2,243,747	122,896
1962	4,361,861	3,131,129	185,472
1963	4,742,404	3,851,205	210,558
1964	4,018,781	3,507,655	235,124
1965	5,149,796	4,987,844	359,780
1966	3,420,362	2,987,901	243,181
1967	5,574,147	5,032,412	376,250
1968	9,156,370	8,662,612	641,084
1969	10,924,787	10,914,140	824,485
1970	5,398,000	5,505,624	344,743
1971	4,423,811	4,573,096	337,145
1972	6,973,022	6,830,777	610,864
1973	9,101,185	9,656,396	879,913
1974	6,135,594	6,776,870	616,257
1975	5,147,757	7,320,855	622,726
1976	16,864,742	18,727,022	835,357
1977	5,135,729	8,555,421	594,459
1978	2,156,293	2,679,752	312,107
1979	2,805,646	3,089,216	423,367
1980	3,163,071	4,579,789	682,480
1981	1,863,100	2,602,329	473,448
THROUGH 1980	132,632,407	134,929,870	10,410,026

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

SODIUM - ALL LANDS
(PUBLIC LANDS ONLY)

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,618,873	114,048,457	3,387,809
1954	666,943	16,521,526	496,678
1955	766,199	19,322,121	616,856
1956	855,624	22,568,319	746,964
1957	901,807	23,238,685	769,989
1958	865,911	22,724,102	765,199
1959	972,775	25,245,099	833,609
1960	1,010,156	25,305,013	847,583
1961	1,023,222	26,447,649	922,166
1962	961,026	24,001,429	891,689
1963	1,039,177	25,102,949	957,110
1964	1,559,227	35,773,874	1,330,509
1965	1,491,772	34,027,848	1,316,894
1966	1,522,378	34,618,061	1,392,381
1967	1,604,651	36,134,057	1,454,630
1968	1,766,194	39,462,514	1,602,772
1969	2,535,947	55,936,343	2,260,236
1970	2,390,360	53,180,614	2,189,377
1971	2,229,699	47,680,252	1,960,429
1972	2,606,168	59,728,466	2,531,019
1973	2,336,103	58,179,038	2,547,206
1974	2,092,026	56,240,274	2,438,690
1975	2,826,264	109,589,520	5,045,735
1976	4,772,905	236,099,351	11,262,874
1977	2,977,936	170,056,316	8,416,992
1978	4,602,636	221,511,355	10,927,422
1979	3,490,903	223,321,731	11,130,311
1980	2,834,673	223,346,164	11,074,198
THROUGH 1980	58,321,555	2,039,411,127	90,117,327

** DUE TO THE CHANGE IN THE
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12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

OIL SHALE - ALL LANDS

(PUBLIC LANDS ONLY)

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1980	4,904	49,040	813
THROUGH			
1980	4,904	49,040	813

URANIUM - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	316,709	10,176,330	1,042,324
1954	219,672	7,537,038	840,141
1955	262,977	7,584,361	943,181
1956	694,313	14,605,496	1,691,267
1957	1,328,601	25,062,686	2,926,012
1958	1,593,613	23,359,386	2,621,670
1959	1,544,178	22,229,585	2,477,550
1960	1,402,036	21,279,188	2,436,440
1961	1,486,925	21,846,101	2,544,235
1962	1,256,946	19,678,376	2,244,262
1963	849,849	15,087,015	1,728,142
1964	808,628	15,534,057	1,711,019
1965	738,558	15,235,497	1,688,289
1966	498,284	11,740,981	1,298,397
1967	383,117	8,452,677	977,196
1968	519,127	10,764,469	1,284,688
1969	564,093	12,462,170	1,485,336
1970	696,873	15,743,356	1,838,415
1971	771,799	18,370,102	2,175,821
1972	724,261	18,393,983	2,204,801
1973	831,148	18,822,250	2,303,435
1974	1,136,739	22,013,952	2,224,441
1975	1,006,399	16,938,352	2,663,798
1976	1,861,523	43,648,598	6,789,374
1977	1,291,962	47,778,891	11,017,596
1978	1,517,892	52,771,802	10,980,989
1979	3,018,139	38,526,512	8,608,937
1980	3,062,891	42,701,883	9,812,004
THROUGH			
1980	30,399,331	598,345,094	90,559,760

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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URANIUM - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1963	15,011	524,767	33,545
1964	53,782	2,304,382	161,045
1965	59,114	2,052,577	132,642
1966	34,225	1,488,847	96,458
1967	11,409	344,487	25,272
1968	2,734	47,708	2,729
1969	6,932	208,002	12,798
1970	17,340	370,925	22,016
1971-80 THROUGH	--	--	--
1980	200,547	7,341,695	486,505

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

URANIUM - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	336	4,904	593
1958-62	--	--	--
1963	3,235	14,036	376
1964	5,172	19,390	485
1965	1,888	15,326	1,279
1966	--	--	--
1967	364	1,790	45
1968-80 THROUGH	--	--	--
1980	10,995	55,446	2,778

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

URANIUM - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(₹)	ROYALTY VALUE(₹)
FFICE	318,789	10,176,330	1,042,324
1954	219,672	7,537,038	840,141
1955	262,977	7,584,361	943,181
1956	694,313	14,605,496	1,691,267
1957	1,329,265	25,057,782	2,925,419
1958	1,593,613	23,359,386	2,621,670
1959	1,544,178	22,229,585	2,477,550
1960	1,402,036	21,279,188	2,436,440
1961	1,486,925	21,846,101	2,544,235
1962	1,256,946	19,678,376	2,244,262
1963	831,603	14,548,212	1,694,221
1964	749,674	13,210,285	1,549,489
1965	677,556	13,167,594	1,554,368
1966	464,059	10,252,134	1,201,939
1967	371,344	8,106,400	951,879
1968	516,393	10,716,761	1,281,959
1969	557,161	12,254,168	1,472,538
1970	679,533	15,372,431	1,816,399
1971	771,799	18,370,102	2,175,821
1972	724,261	18,392,983	2,204,801
1973	831,148	18,822,250	2,303,435
1974	1,136,739	22,013,952	2,224,441
1975	1,006,398	16,938,352	2,663,798
1976	1,861,523	43,648,598	6,789,374
1977	1,291,962	47,778,891	11,017,596
1978	1,517,892	52,771,802	10,980,989
1979	3,018,139	38,526,512	8,608,937
1980	3,062,391	42,701,883	9,812,004
TOTAL	30,177,789	590,947,953	90,070,477

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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ZINC - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	1,77	110,000	6,020
1962-66	--	--	--
1967	1,607	135,226	5,409
1968	12,732	1,122,549	44,935
1969	18,715	1,744,701	70,371
1970	29,263	3,232,040	129,931
1971	47,807	5,119,479	206,112
1972	51,201	5,219,167	214,260
1973	74,644	8,207,368	335,624
1974	133,892	22,806,196	935,812
1975	88,795	24,413,084	1,065,506
1976	182,485	42,094,245	1,913,884
1977	135,689	28,791,718	1,296,197
1978	49,071	7,027,613	322,381
1979	118,045	23,064,968	1,084,770
1980	101,949	23,798,041	1,189,462
THROUGH 1980	1,047,645	196,886,395	8,820,694

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
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ZINC - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1950-66	--	--	--
1967	1,607	135,226	5,409
1968	12,732	1,122,549	44,935
1969	18,715	1,744,701	70,371
1970	29,262	3,232,040	129,931
1971	47,807	5,110,479	206,112
1972	51,201	5,219,167	214,260
1973	74,644	8,207,368	335,624
1974	133,092	22,806,196	935,812
1975	88,795	24,413,084	1,065,506
1976	182,480	42,004,245	1,913,884
1977	135,609	28,791,718	1,296,197
1978	49,071	7,027,613	222,381
1979	110,945	23,064,968	1,084,770
1980	101,949	23,790,041	1,189,482
THROUGH 1980	1,045,899	196,776,395	8,814,674

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

ZINC - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	1,750	110,000	6,020
1962-80 THROUGH	--	--	--
1980	1,750	110,000	6,020

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

OTHER - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	1,043,795	2,648,021	104,052
1954	171,350	920,775	49,250
1955	130,398	1,291,372	83,568
1956	244,765	1,337,190	72,163
1957	164,973	767,397	42,345
1958	139,225	986,523	70,080
1959	291,762	1,088,070	56,324
1960	243,460	752,549	25,404
1961	137,311	579,281	26,190
1962	351,573	587,501	28,514
1963	140,472	562,967	31,923
1964	189,740	532,103	29,545
1965	379,351	1,503,035	32,872
1966	534,095	2,093,035	37,632
1967	810,799	2,832,188	39,898
1968	508,340	3,246,713	75,523
1969	1,709,652	3,808,882	79,016
1970	1,476,267	3,271,879	64,701
1971	1,215,715	3,477,697	74,668
1972	605,672	2,545,881	49,902
1973	1,045,793	4,503,971	43,769
1974	2,540,826	5,175,505	85,385
1975	938,027	3,154,590	56,111
1976	1,016,758	5,431,609	180,953
1977	547,701	2,281,900	78,673
1978	911,825	3,271,939	174,554
1979	717,824	2,380,494	176,391
1980	316,457	1,569,948	126,878
THROUGH			
1980	18,823,026	62,604,025	1,996,284

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

OTHER - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	244,740	243,213	24,779
1955	30,854	35,261	3,526
1956	34,712	39,027	3,903
1957	31,824	36,192	3,611
1958	24,782	28,455	2,846
1959	24,729	33,655	2,063
1960	23,665	28,465	2,086
1961	156,417	337,048	5,105
1962	12,807	12,807	1,261
1963	38,137	52,972	5,032
1964	23,693	34,731	2,465
1965	22,237	69,747	5,551
1966	231,445	1,057,709	12,268
1967	300,507	1,554,058	16,698
1968	449,295	2,321,582	22,654
1969	450,108	2,406,875	38,845
1970	516,523	2,728,179	39,555
1971	472,399	2,483,485	34,363
1972	511,243	2,660,980	29,331
1973	405,715	2,127,342	29,898
1974	800,016	4,002,276	20,316
1975	645,451	3,302,450	32,905
1976	537,973	2,582,860	11,703
1977	284,448	1,313,696	7,845
1978	192,276	864,374	6,934
1979	138,479	656,717	14,766
1980	151,009	962,428	75,999
THROUGH	19,769	354,334	44,625
1980	6,775,273	32,330,918	500,953

** DUE TO THE CHANGE IN THE
F/Y, 1976 DATA CONSISTS OF
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DATA WILL BE ON A C/Y BASIS

OTHER - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(£)	ROYALTY VALUE(£)
1953	793,222	2,163,881	55,222
1954	138,403	786,921	34,943
1955	87,731	924,735	46,523
1956	200,348	976,598	36,226
1957	133,260	502,687	15,999
1958	104,590	490,656	18,476
1959	107,668	731,694	30,718
1960	64,062	309,310	11,315
1961	99,834	448,058	15,893
1962	79,681	291,169	6,991
1963	28,094	295,382	14,015
1964	33,115	210,744	7,608
1965	35,274	217,858	7,112
1966	63,579	334,256	9,626
1967	34,584	230,632	7,521
1968	62,864	574,317	20,623
1969	56,452	361,615	13,287
1970	34,689	120,332	6,132
1971	53,786	293,196	11,317
1972	23,160	112,757	4,267
1973	32,376	240,148	5,469
1974	16,540	61,820	2,322
1975	34,521	143,433	8,697
1976	385,809	2,988,965	130,864
1977	71,575	449,714	23,308
1978	179,659	1,447,422	68,298
1979	43,999	351,837	17,370
1980	85,656	484,039	30,868
THROUGH 1980	3,084,531	16,544,176	661,010

** DUE TO THE CHANGE IN THE
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AN 18 MONTH PERIOD (7/75
12/76). SUBSEQUENTLY, ALL
DATA WILL BE ON A C/Y BASIS

OTHER - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,813	240,927	24,051
1954	2,093	98,593	10,781
1955	7,955	327,610	33,142
1956	12,593	324,400	32,326
1957	6,931	236,255	23,500
1958	9,906	462,222	49,541
1959	160,429	327,911	23,520
1960	22,981	106,191	8,984
1961	24,670	118,416	9,016
1962	233,755	243,360	16,491
1963	88,685	233,854	15,443
1964	134,388	251,612	16,386
1965	112,632	227,468	13,492
1966	170,009	204,721	11,308
1967	326,920	279,974	9,723
1968	295,368	265,521	16,055
1969	1,136,677	719,088	26,174
1970	969,179	668,062	24,206
1971	650,686	523,521	34,020
1972	176,797	305,782	15,737
1973	213,401	261,547	17,984
1974	1,878,835	1,811,235	50,158
1975	365,533	428,297	35,711
1976	346,501	1,128,948	42,244
1977	283,850	967,812	48,431
1978	593,687	1,167,800	91,490
1979	522,816	1,066,229	83,022
1980	211,032	731,575	51,385
THROUGH			
1980	8,964,122	13,728,931	834,321

** DUE TO THE CHANGE IN THE
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DATA WILL BE ON A C/Y BASIS

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
COAL			
ALABAMA	27,780	791,715	31,669
COLORADO	9,390,841	182,050,641	8,865,003
MONTANA	10,392,536	91,086,899	2,676,851
NEW MEXICO	6,316,551	81,406,221	6,982,294
NORTH DAKOTA	606,046	(7,582,586)	(352,095)
OKLAHOMA	258,818	11,802,057	821,286
UTAH	8,663,416	193,161,726	4,526,078
WYOMING	33,433,532	297,092,692	8,700,686
TOTAL	69,089,520	854,809,365	32,251,772
GILSONITE			
UTAH	3,197	325,244	40,656
PHOSPHATE			
IDAHO	4,946,514	39,715,080	2,397,104
MONTANA	61,068	2,124,857	106,243
TOTAL	5,027,582	41,840,737	2,503,347
POTASH			
CALIFORNIA	191,810	13,444,109	672,205
NEVADA	846	815,797	32,632
NEW MEXICO	3,733,037	247,078,370	10,620,729
UTAH	22,677	1,249,001	37,470
TOTAL	3,948,370	262,587,277	11,363,036
SAND-GRAVEL			
NEVADA	285,736	483,700	32,651
SILICA-SAND			
NEVADA	16,572	29,090	3,969

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
SODIUM			
CALIFORNIA	865,182	88,164,861	4,408,243
COLORADO	7,802	35,109	1,755
NEVADA	2,253	2,185,291	65,559
NEW MEXICO	151,327	667,926	31,720
WYOMING	1,808,109	132,292,977	6,566,921
TOTAL	2,834,673	223,346,164	11,074,198
OIL SHALE			
COLORADO	4,904	49,040	813
TOTAL PUBLIC	81,210,554	1,383,470,617	57,270,442

ACQUIRED LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ILLINOIS	6,633	61,299	3,034
WYOMING	24,555	9,822	9,822
KENTUCKY	2,992	89,727	3,589
MISSOURI	15,290	6,026,053	301,333
ALABAMA	2,577	1,031	206
GEORGIA	37,847	204,373	9,462
ILLINOIS	7,275	1,114,051	50,132
MINNESOTA	14,032	203,218	8,129
ILLINOIS	4	2,992	135
MISSOURI	429,949	222,049,341	11,102,511
TOTAL	429,953	222,052,233	11,102,646
VIRGINIA	1,890	14,515	726

ACQUIRED LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FLORIDA	189,391	PHOSPHATE 2,249,442	113,749
ARKANSAS	12	QUARTZ CRYSTALS 3,450	173
ARKANSAS	--	WAVELLITE 846	42
ILLINOIS	413	ZINC 113,662	5,115
MISSOURI	101,536	23,684,379	1,184,367
TOTAL	101,949	23,798,041	1,189,482
TOTAL ACQUIRED	634,396	255,828,801	12,792,525

INDIAN LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
OKLAHOMA	149,389	41,340	26,198
ARIZONA	10,879,693	135,120,054	4,242,332
MONTANA	2,742,031	23,042,720	1,609,606
NEW MEXICO	10,189,991	90,715,478	2,017,739
OKLAHOMA	5,620	134,879	4,384
TOTAL	23,817,335	249,013,131	7,874,061
ARIZONA	2,416	3,488,321	431,760
MONTANA	3,327	13,308	832
NEW MEXICO	13,752	44,694	4,711
IDAHO	1,460,590	14,548,959	1,454,896
ARIZONA	623,586	1,363,824	145,214
CALIFORNIA	508,136	508,136	146,573
NEVADA	274,331	274,331	54,649
NEW MEXICO	313,865	313,866	105,694
UTAH	32,939	32,939	1,976
WASHINGTON	110,243	110,243	19,342
TOTAL	1,863,100	2,603,339	473,448

INDIAN LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ARIZONA	44,469	SILICA-SAND 631,453	19,566
NEW MEXICO	3,062,891	URANIUM 42,701,883	9,812,004
NEW MEXICO	95	MOLYBDENUM 780	78
TOTAL INDIAN	30,417,364	313,087,208	20,097,554
TOTAL ALL LANDS	112,462,314	1,952,386,626	90,160,521

COAL PRODUCTION
SEPARATED BY UNDERGROUND
AND SURFACE MINING METHODS

PUBLIC LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
COAL			
ALABAMA	27,780	791,715	31,669
COLORADO	3,166,312	75,775,822	2,616,960
UTAH	8,663,416	198,161,726	4,526,078
WYOMING	1,222,891	13,395,347	237,615
TOTAL	13,080,399	288,124,610	7,412,322
COAL-SM			
COLORADO	6,224,529	106,274,819	6,248,043
MONTANA	10,392,536	91,086,899	2,676,851
NEW MEXICO	6,316,551	81,406,221	6,982,294
NORTH DAKOTA	606,046	(7,582,586)	(352,095)
OKLAHOMA	258,818	11,802,057	821,286
WYOMING	32,210,641	283,697,345	8,463,071
TOTAL	56,009,121	566,684,755	24,839,450
TOTAL PUBLIC	69,089,520	854,809,365	32,251,772

ACQUIRED LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
COAL			
KENTUCKY	2,992	89,727	3,589
TOTAL ACQUIRED	2,992	89,727	3,589

INDIAN LANDS
CALENDAR YEAR 1980

STATE	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
COAL			
MONTANA	108,033	903,835	54,230
TOTAL	108,033	903,835	54,230
COAL-SM			
ARIZONA	10,879,693	135,120,054	4,242,332
MONTANA	2,633,998	22,138,885	1,555,376
NEW MEXICO	10,189,991	90,715,478	2,017,739
OKLAHOMA	5,620	134,879	4,384
TOTAL	23,709,302	248,109,296	7,819,831
TOTAL INDIAN	23,817,335	249,013,131	7,874,061
TOTAL ALL LANDS	92,909,847	1,103,912,223	40,129,422

NOTE: COAL = UNDERGROUND
COAL-SM = SURFACE MINING

MINING OPERATIONS

ALL LANDS

ALABAMA

YEAR	<----- C O A L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,198,868	1,831,444	127,672	--	--	--
1954-65	--	--	--	--	--	--
1966	17,384	147,763	2,907	--	--	--
1967	133,914	619,947	20,301	--	--	--
1968	50,195	219,919	8,890	--	--	--
1969	125,478	506,957	21,987	--	--	--
1970	606	4,848	106	--	--	--
1971	24,573	98,290	4,300	6,125	3,369	490
1972-73	--	--	--	--	--	--
1974	--	--	--	10,519	4,208	842
1975	55,643	609,847	24,394	--	--	--
***1976	20,670	846,431	33,857	--	--	--
1977	2,390	57,541	2,302	--	--	--
1978	14,322	357,312	14,292	--	--	--
1979	1,777	47,907	1,916	2,065	826	165
1980	27,780	791,715	31,669	2,577	1,031	206
TOTALS	1,673,600	6,139,921	294,593	21,286	9,434	1,703

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ALABAMA

< TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	1,198,868	1,831,444	127,672
1954-65	--	--	--
1966	17,384	147,763	2,907
1967	133,914	619,947	20,301
1968	50,195	219,919	8,890
1969	125,478	506,957	21,987
1970	606	4,848	106
1971	30,698	101,659	4,790
1972-73	--	--	--
1974	10,519	4,208	842
1975	55,643	609,847	24,394
***1976	20,670	846,431	33,857
1977	2,390	57,541	2,302
1978	14,322	357,312	14,292
1979	3,842	48,733	2,081
1980	30,357	792,746	31,875
TOTALS	1,694,886	6,149,355	296,296

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

ALABAMA

YEAR	<----- C O A L ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	1,198,868	1,831,444	127,672	1,198,868	1,831,444	127,672
1954-65	--	--	--	--	--	--
1966	17,384	147,763	2,907	17,384	147,763	2,907
1967	133,914	619,947	20,301	133,914	619,947	20,301
1968	50,195	219,919	8,890	50,195	219,919	8,890
1969	125,478	506,957	21,987	125,478	506,957	21,987
1970	606	4,848	106	606	4,848	106
1971	24,573	98,290	4,300	24,573	98,290	4,300
1972-74	--	--	--	--	--	--
1975	55,643	609,847	24,394	55,643	609,847	24,394
***1976	20,670	846,431	33,857	20,670	846,431	33,857
1977	2,390	57,541	2,302	2,390	57,541	2,302
1978	14,322	357,312	14,292	14,322	357,312	14,292
1979	1,777	47,907	1,916	1,777	47,907	1,916
1980	27,780	791,715	31,669	27,780	791,715	31,669
TOTALS	1,673,600	6,139,921	294,593	1,673,600	6,139,921	294,593

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

ALABAMA

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	6,125	3,369	490	6,125	3,369	490
1972-73	--	--	--	--	--	--
1974	10,519	4,208	842	10,519	4,208	842
1975-78	--	--	--	--	--	--
1979	2,065	826	165	2,065	826	165
1980	2,577	1,031	206	2,577	1,031	206
TOTALS	21,286	9,434	1,703	21,286	9,434	1,703

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ALASKA

PUBLIC LANDS ONLY

<----- COAL ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	7,019,425	36,670,143	560,437	7,019,425	36,670,143	560,437
1954	806,683	8,236,371	99,550	806,683	8,236,371	99,550
1955	689,386	6,402,801	82,942	689,386	6,402,801	82,942
1956	608,023	5,488,544	75,846	608,023	5,488,544	75,846
1957	726,160	6,384,437	88,331	726,160	6,384,437	88,331
1958	874,183	7,844,003	112,674	874,183	7,844,003	112,674
1959	705,753	6,532,513	87,736	705,753	6,532,513	87,736
1960	664,229	5,735,325	86,662	664,229	5,735,325	86,662
1961	723,951	6,212,784	98,440	723,951	6,212,784	98,440
1962	817,161	6,145,250	108,398	817,161	6,145,250	108,398
1963	759,796	5,502,598	102,085	759,796	5,502,598	102,085
1964	709,110	4,966,881	95,077	709,110	4,966,881	95,077
1965	397,701	2,626,606	54,244	397,701	2,626,606	54,244
1966	250,448	1,467,962	37,567	250,448	1,467,962	37,567
1967	259,387	1,565,718	38,908	259,387	1,565,718	38,908
1968	284,198	1,675,287	42,630	284,198	1,675,287	42,630
1969	27,292	201,965	4,094	27,292	201,965	4,094
1970	274,150	1,774,002	41,146	274,150	1,774,002	41,146
1971	385,247	2,678,414	57,818	385,247	2,678,414	57,818
1972	624,711	5,410,166	87,589	624,711	5,410,166	87,589
1973	152,645	1,381,469	20,461	152,645	1,381,469	20,461
1974	25,951	265,738	3,893	25,951	265,738	3,893
1975	342,922	3,710,874	51,438	342,922	3,710,874	51,438
***1976	247,615	2,880,383	37,142	247,615	2,880,383	37,142
1977-80	--	--	--	--	--	--
TOTALS	18,376,127	131,760,234	2,075,108	18,376,127	131,760,234	2,075,108

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ARIZONA

YEAR	<----- C O A L ----->			<----- C O P P E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	77,258	407,919	2,878	--	--	--
1954	12,251	73,506	668	--	--	--
1955	13,121	79,702	331	--	--	--
1956	8,342	55,673	300	--	--	--
1957	5,240	44,540	5	--	--	--
1958	11,052	112,715	712	--	--	--
1959	3,732	39,186	3	--	--	--
1960	6,423	50,668	186	--	--	--
1961	1,753	14,401	116	--	--	--
1962	1,044	7,309	104	--	--	--
1963	894	5,364	89	--	--	--
1964	--	--	--	1,798	106,084	6,903
1965	--	--	--	2,074	221,018	11,051
1966	--	--	--	2,525	158,625	7,729
1967	3,312	23,292	191	396	105,869	4,023
1968	--	--	--	19	19,940	1,994
1969	3,822	24,843	382	466	287,724	27,742
1970	--	--	--	399	464,858	46,486
1971	708,808	1,223,432	177,202	527	548,569	54,857
1972	2,042,254	5,689,531	510,563	546	537,493	53,710
1973	2,990,623	8,442,186	747,656	1,242	1,478,069	109,802
1974	4,250,461	12,744,356	1,020,940	3,648	5,639,908	542,978
1975	6,770,699	20,353,730	1,537,587	3,535	4,538,550	1,213,342
***1976	14,915,539	52,388,227	2,772,248	41,832	56,885,692	2,361,856
1977	11,418,471	73,889,441	3,916,499	45,368	31,877,087	3,008,565
1978	6,207,802	60,615,189	2,974,852	25,324	16,095,575	1,677,136
1979	11,351,728	145,006,584	5,955,629	6,923	8,676,456	1,189,314
1980	10,879,693	135,120,054	4,242,332	2,416	3,488,321	431,760
TOTALS	73,685,492	517,144,848	24,861,473	139,038	131,129,838	10,749,248

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ARIZONA

YEAR	<----- L I M E S T O N E ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	765	37,193	1,904
1954	--	--	--	--	--	--
1955	--	--	--	199	8,520	359
1956-57	--	--	--	--	--	--
1958	--	--	--	670	12,636	642
1959	--	--	--	28	560	28
1960-61	--	--	--	--	--	--
1963	121,708	121,708	4,426	--	--	--
1964	--	--	--	257	6,304	315
1965-80	--	--	--	--	--	--
TOTALS	121,708	121,708	4,426	1,919	65,413	3,248

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ARIZONA

YEAR	<----- S A N D - G R A V E L ----->			<----- U R A N I U M ----->		
	QUANTITY TUNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TUNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	460,292	613,890	13,521	279,379	9,157,209	931,394
1954	90,485	90,485	3,620	164,980	5,735,254	594,055
1955	126,861	126,861	3,748	189,420	4,884,668	542,690
1956	114,610	114,610	4,584	201,378	4,767,200	536,652
1957	105,860	105,860	4,234	280,586	5,639,801	690,732
1958	12,146	69,845	3,067	264,129	6,108,262	729,462
1959	364,038	400,191	17,279	220,358	5,588,327	651,956
1960	277,263	277,263	20,629	227,544	5,586,236	659,240
1961	1,042,874	1,042,874	47,845	171,526	3,684,200	405,847
1962	1,765,721	1,795,721	92,807	148,666	3,293,587	360,827
1963	1,601,616	1,601,616	96,232	130,600	3,116,705	319,000
1964	1,853,520	2,128,735	141,677	107,210	3,263,528	259,098
1965	869,868	889,868	65,487	90,755	2,729,240	185,154
1966	2,684,259	2,684,259	142,844	74,841	2,494,524	151,680
1967	5,651,176	5,651,176	391,030	32,440	828,630	48,345
1968	5,894,807	5,894,807	418,452	6,844	123,109	7,498
1969	1,929,375	1,929,375	102,988	6,932	208,002	12,798
1970	1,419,421	1,419,421	110,485	17,423	373,476	22,271
1971	2,456,457	2,456,457	135,331	--	--	--
1972	3,421,869	3,421,868	397,206	--	--	--
1973	2,289,032	2,929,404	241,267	--	--	--
1974	2,093,641	2,776,154	293,695	--	--	--
1975	1,900,103	2,470,134	369,588	--	--	--
***1976	1,236,986	1,229,776	187,718	--	--	--
1977	984,651	1,554,542	133,262	--	--	--
1978	1,707,146	1,950,716	240,011	--	--	--
1979	1,641,148	3,031,167	347,269	--	--	--
1980	623,586	1,363,824	145,214	--	--	--
TOTALS	44,660,811	50,101,899	4,171,090	2,615,011	67,581,958	7,108,699

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ARIZONA

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	805	216,560	21,656	819,099	10,432,771	971,353
1954	528	79,105	8,939	268,244	5,978,350	607,282
1955	484	273,927	27,393	332,085	5,375,678	574,521
1956	377	301,745	30,174	324,707	5,239,228	571,710
1957	1,790	231,114	23,108	393,476	6,021,315	718,079
1958	1,114	452,051	48,660	289,111	6,755,709	782,543
1959	2,892	182,955	16,796	591,048	6,211,219	686,062
1960	3,818	23,280	2,328	515,048	5,967,447	682,383
1961	--	--	--	1,216,153	4,741,475	453,808
1962	175,010	89,161	5,606	2,110,441	5,175,778	459,344
1963	18,590	47,146	3,652	1,873,408	4,892,539	423,399
1964	17,602	46,225	2,957	1,980,387	5,550,886	410,950
1965	9,542	9,545	2,640	992,239	3,849,671	264,332
1966	16,420	17,565	3,807	2,778,045	5,354,973	306,060
1967	10,160	24,474	1,524	5,698,054	6,633,441	445,113
1968	23,648	45,035	4,822	5,925,318	6,082,891	432,766
1969	27,546	44,836	5,869	1,968,141	2,494,780	149,779
1970	41,754	53,830	4,824	1,478,997	2,311,585	184,066
1971	53,201	66,470	6,022	3,218,993	4,994,928	373,412
1972	52,056	78,322	8,718	5,516,725	9,723,214	970,197
1973	--	--	--	5,280,897	12,856,659	1,098,725
1974	22,843	68,528	6,082	6,370,593	21,228,946	1,863,695
1975	50,891	152,673	15,770	8,725,228	27,515,087	3,136,287
***1976	61,768	448,404	18,538	16,256,125	110,951,099	6,340,360
1977	40,487	538,028	16,731	12,488,977	107,859,098	7,075,057
1978	47,386	672,676	20,850	9,987,658	79,374,356	4,912,849
1979	43,964	624,266	19,344	13,043,763	157,388,493	7,511,556
1980	44,469	631,453	19,566	11,550,164	140,603,652	4,838,872
TOTALS	769,145	5,419,604	346,376	121,993,124	771,565,268	47,244,560

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

ARIZONA

YEAR	<----- C O P P E R ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1948	--	--	--	765	37,193	1,904
1949	--	--	--	--	--	--
1950	--	--	--	199	8,520	359
1951-57	--	--	--	--	--	--
1958	--	--	--	670	12,836	642
1959	--	--	--	28	560	28
1960-63	--	--	--	--	--	--
1964	1,798	106,084	6,903	257	6,304	315
1965	2,074	221,018	11,051	--	--	--
1966	2,525	188,625	7,729	--	--	--
1967	380	39,824	2,893	--	--	--
1968	--	--	--	--	--	--
1969	223	20,613	1,031	--	--	--
1970-71	--	--	--	--	--	--
1972	22	795	40	--	--	--
1973-80	--	--	--	--	--	--
TOTALS	7,022	596,959	29,647	1,919	65,413	3,248

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

ARIZONA

	<----- U R A N I U M ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1962	--	--	--	70	567	28
1963	15,011	524,767	33,545	--	--	--
1964	53,782	2,304,362	161,045	--	--	--
1965	59,114	2,052,577	132,642	--	--	--
1966	34,225	1,488,847	96,458	--	--	--
1967	11,409	344,487	25,272	--	--	--
1968	2,734	47,708	2,729	--	--	--
1969	6,932	208,002	12,798	--	--	--
1970	17,340	370,925	22,016	--	--	--
1971-80	--	--	--	--	--	--
TOTALS	200,547	7,341,695	486,505	70	567	28

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	765	37,193	1,904
1954	--	--	--
1955	199	8,520	359
1956-57	--	--	--
1958	670	12,836	642
1959	28	560	28
1960-61	--	--	--
1962	70	567	28
1963	15,011	524,767	33,545
1964	55,837	2,416,770	168,263
1965	61,188	2,273,595	143,693
1966	36,750	1,647,472	104,187
1967	11,789	434,311	28,165
1968	2,734	47,708	2,729
1969	7,155	228,615	13,829
1970	17,340	370,925	22,016
1971	--	--	--
1972	22	795	40
1973-80	--	--	--
TOTALS	209,558	8,004,634	519,428

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1970 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1970 - DECEMBER 1970).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

ARIZONA

YEAR	<----- COAL ----->			<----- COPPER ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FFICE	77,858	407,919	2,878	--	--	--
1954	12,251	73,506	668	--	--	--
1955	13,121	79,702	331	--	--	--
1956	8,342	55,673	300	--	--	--
1957	5,240	44,540	5	--	--	--
1958	11,052	112,715	712	--	--	--
1959	3,732	39,186	3	--	--	--
1960	6,423	80,668	186	--	--	--
1961	1,753	14,401	116	--	--	--
1962	1,044	7,309	104	--	--	--
1963	894	5,364	89	--	--	--
1964-66	--	--	--	--	--	--
1967	3,882	23,292	191	16	16,045	1,130
1968	--	--	--	19	19,940	1,994
1969	3,822	24,843	382	243	267,111	26,711
1970	--	--	--	399	464,858	46,486
1971	708,808	1,923,432	177,202	527	548,569	54,857
1972	2,042,254	5,685,531	510,563	524	536,698	53,670
1973	2,990,623	8,449,186	747,656	1,242	1,478,069	109,802
1974	4,250,461	12,744,356	1,020,940	3,648	5,639,908	542,978
1975	6,770,699	20,353,730	1,537,587	3,535	4,538,550	1,213,342
***1976	14,915,539	52,388,227	3,772,248	41,832	56,885,692	2,361,856
1977	11,418,471	73,889,441	3,916,499	45,363	31,877,087	3,008,565
1978	8,267,802	60,615,189	2,974,852	25,324	16,095,575	1,677,136
1979	11,351,728	145,006,584	5,955,629	6,923	8,676,456	1,189,314
1980	10,879,693	135,120,054	4,242,332	2,416	3,488,321	431,760
TOTALS	73,685,492	517,144,848	24,861,473	132,016	130,532,879	10,719,601

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

INDIAN LANDS

ARIZONA

YEAR	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	--	--	--	460,292	613,890	13,521
1954	--	--	--	90,485	90,485	3,620
1955	--	--	--	128,861	128,861	3,748
1956	--	--	--	114,610	114,610	4,584
1957	--	--	--	105,860	105,860	4,234
1958	--	--	--	12,146	69,845	3,067
1959	--	--	--	364,038	400,191	17,279
1960	--	--	--	277,263	277,263	20,629
1961	--	--	--	1,042,874	1,042,874	47,845
1962	--	--	--	1,785,721	1,785,721	92,807
1963	121,708	121,708	4,426	1,601,616	1,601,616	96,232
1964	--	--	--	1,853,520	2,128,735	141,677
1965	--	--	--	889,868	889,868	65,487
1966	--	--	--	2,684,259	2,684,259	142,844
1967	--	--	--	5,651,176	5,651,176	391,030
1968	--	--	--	5,894,807	5,894,807	418,452
1969	--	--	--	1,929,375	1,929,375	102,988
1970	--	--	--	1,419,421	1,419,421	110,485
1971	--	--	--	2,456,457	2,456,457	135,331
1972	--	--	--	3,421,869	3,421,868	397,206
1973	--	--	--	2,289,032	2,929,404	241,267
1974	--	--	--	2,093,641	2,776,154	293,695
1975	--	--	--	1,900,103	2,470,134	369,588
***1976	--	--	--	1,236,986	1,228,776	187,718
1977	--	--	--	984,651	1,554,542	133,262
1978	--	--	--	1,707,146	1,990,716	240,011
1979	--	--	--	1,641,148	3,081,167	347,269
1980	--	--	--	623,586	1,363,824	145,214
TOTALS	121,708	121,708	4,426	44,660,811	50,101,899	4,171,090

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

ARIZONA

YEAR	<----- U R A N I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	279,379	9,157,209	931,394	805	216,560	21,656
1954	164,980	5,735,254	594,055	528	79,105	8,939
1955	189,420	4,884,668	542,690	484	273,927	27,393
1956	201,378	4,767,200	536,652	377	301,745	30,174
1957	240,536	5,639,801	690,732	1,790	231,114	23,108
1958	264,129	6,108,262	729,462	1,114	452,051	48,660
1959	220,358	5,588,327	651,956	2,892	182,955	16,796
1960	227,544	5,586,236	659,240	3,818	23,280	2,328
1961	171,526	3,684,200	405,847	--	--	--
1962	148,666	3,293,587	360,827	174,940	88,594	5,578
1963	115,589	2,591,928	285,455	18,590	47,146	3,652
1964	55,428	959,146	98,053	17,602	46,235	2,957
1965	31,641	676,663	52,512	9,542	9,545	2,640
1966	40,616	1,005,677	55,222	16,420	17,565	3,807
1967	21,031	484,145	23,073	10,160	24,474	1,524
1968	4,110	75,401	4,769	23,648	45,035	4,822
1969	--	--	--	27,546	44,836	5,869
1970	93	2,551	255	41,754	53,830	4,824
1971	--	--	--	53,201	66,470	6,022
1972	--	--	--	52,056	78,322	8,718
1973	--	--	--	--	--	--
1974	--	--	--	22,843	68,528	6,082
1975	--	--	--	50,891	152,673	15,770
***1976	--	--	--	61,768	448,404	18,538
1977	--	--	--	40,467	538,028	16,731
1978	--	--	--	47,386	672,876	20,850
1979	--	--	--	43,964	624,286	19,344
1980	--	--	--	44,469	631,453	19,566
TOTALS	2,414,464	60,240,265	6,622,194	769,075	5,419,037	346,348

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOK	818,334	10,395,578	969,449
1954	268,244	5,978,350	607,282
1955	331,886	5,367,158	574,162
1956	324,707	5,239,228	571,710
1957	393,476	6,021,315	718,079
1958	288,441	6,742,873	781,901
1959	591,020	6,210,659	686,034
1960	515,048	5,967,447	682,383
1961	1,216,153	4,741,475	453,808
1962	2,110,371	5,175,211	459,316
1963	1,858,397	4,367,772	389,854
1964	1,924,550	3,134,116	242,687
1965	931,051	1,576,076	120,639
1966	2,741,295	3,707,501	201,873
1967	5,686,265	6,199,130	416,948
1968	5,922,584	6,035,183	430,037
1969	1,960,986	2,266,165	135,950
1970	1,461,657	1,940,660	162,050
1971	3,218,993	4,994,920	373,412
1972	5,516,703	5,722,419	970,157
1973	5,280,897	12,856,659	1,098,725
1974	6,370,593	21,228,946	1,863,695
1975	8,725,228	27,515,087	3,136,287
***1976	16,256,125	110,951,099	6,340,360
1977	12,488,977	107,859,098	7,075,057
1978	9,987,658	79,374,356	4,912,849
1979	13,043,763	157,388,493	7,511,556
1980	11,550,164	140,603,652	4,838,872
TOTALS	121,783,566	763,560,634	46,725,132

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

ARIZONA	<----- S A N D - G R A V E L ----->			<----- W A V E L L I T E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	675	3,034	152	--	--	--
1961	643	2,895	145	--	--	--
1962-75	--	--	--	--	--	--
***1976	--	--	--	1	1,526	76
1977	--	--	--	1	1,607	80
1978	--	--	--	1	1,044	52
1979	--	--	--	--	495	25
1980	--	--	--	--	846	42
TOTALS	1,318	5,929	297	3	5,518	275

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ARKANSAS

ACQUIRED LANDS ONLY

<----- OTHER ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	--	2,807	85	--	2,807	85
1954	--	361	13	--	361	13
1955	--	92	1	--	92	1
1956	--	510	21	--	510	21
1957	--	601	25	--	601	25
1958	5	1,449	62	5	1,449	62
1959	1,377	88,607	4,422	1,377	88,607	4,422
1960	3	1,250	58	678	4,284	210
1961	42	2,016	95	685	4,911	240
1962	5	1,787	82	5	1,787	82
1963	2	611	26	2	611	26
1964	3	1,180	52	3	1,180	52
1965	4	881	39	4	881	39
1966	2,990	73,329	2,214	2,990	73,329	2,214
1967	4,813	103,378	3,128	4,813	103,378	3,128
1968	133	4,300	136	133	4,300	136
1969	3	1,150	58	3	1,150	58
1970	4	1,682	85	4	1,682	85
1971	5	1,475	74	5	1,475	74
1972	6	1,700	100	6	1,700	100
1973	11	5,825	291	11	5,825	291
1974	7	8,525	426	7	8,525	426
1975	7	3,650	183	7	3,650	183
***1976	124,318	1,251,055	39,681	124,319	1,253,181	39,757
1977	6,088	62,410	2,817	6,089	64,017	2,897
1978	6	1,800	90	7	2,844	142
1979	10	3,300	165	10	3,795	190
1980	12	3,450	173	12	4,296	215
TOTALS	139,854	1,629,781	54,602	141,175	1,641,228	55,174

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

CALIFORNIA

YEAR	<----- C O A L ----->			<----- C O P P E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICED	1,257	3,190	299	--	--	--
1954-57	--	--	--	--	--	--
1958	--	--	--	290	24,412	2,441
1959-60	--	--	--	--	--	--
1961	--	--	--	3,000	600,000	24,080
1962	--	--	--	26,604	850,000	40,918
1963-60	--	--	--	--	--	--
TOTALS	1,257	3,190	299	29,894	1,474,412	67,439

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

CALIFORNIA

YEAR	<----- P H O S P H A T E ----->			<----- P O T A S H ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FIELD	--	--	--	1,737,754	38,544,102	1,159,292
1954	--	--	--	229,162	5,398,851	161,966
1955	--	--	--	236,865	5,441,064	163,232
1956	--	--	--	240,642	5,874,215	176,226
1957	--	--	--	203,683	4,992,051	149,762
1958	--	--	--	205,440	4,895,660	146,909
1959	--	--	--	237,300	4,955,456	148,664
1960	--	--	--	285,169	5,573,170	167,796
1961	--	--	--	238,955	5,550,482	178,582
1962	--	--	--	285,565	6,986,581	234,155
1963	--	--	--	293,376	6,903,334	240,355
1964	--	--	--	261,714	6,282,645	226,904
1965	--	--	--	309,544	7,976,572	298,906
1966	--	--	--	313,806	7,962,644	308,787
1967	--	--	--	283,144	6,623,370	265,806
1968	--	--	--	276,784	5,341,638	221,895
1969	7,842	19,605	980	314,918	5,993,539	256,406
1970	12,769	31,922	1,596	212,043	3,977,222	172,214
1971	8,867	10,794	540	278,946	6,410,802	277,588
1972	--	--	--	247,254	5,926,593	256,621
1973	--	--	--	204,198	5,049,496	218,643
1974	--	--	--	190,775	5,553,004	240,445
1975	--	--	--	215,517	9,779,324	487,070
***1976	4,813	67,375	3,369	305,182	15,371,913	768,591
1977	6,326	88,562	4,428	220,237	7,986,227	399,311
1978	6,243	69,840	3,492	184,654	8,259,485	412,974
1979	2,881	27,393	1,370	222,321	11,672,178	583,609
1980	--	--	--	191,810	13,444,109	672,205
TOTALS	49,741	315,491	15,775	8,427,258	228,725,627	8,994,914

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

CALIFORNIA

YEAR	<----- S A N D - G R A V E L ----->			<----- S O D I U M ----->		
	QUANTITY TUNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TUNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	--	--	--	5,334,023	112,106,950	3,342,955
1954	--	--	--	563,855	14,995,217	449,857
1955	--	--	--	619,329	16,887,206	543,931
1956	--	--	--	669,345	18,886,571	636,200
1957	--	--	--	645,734	17,593,670	599,978
1958	--	--	--	671,882	18,638,773	641,388
1959	--	--	--	678,370	19,144,619	649,023
1960	--	--	--	750,642	20,091,709	689,497
1961	--	--	--	747,806	20,672,970	747,403
1962	14,342	21,512	1,434	816,050	21,575,246	817,253
1963	185,569	278,353	18,557	947,681	21,701,277	847,136
1964	393,842	590,703	39,384	1,93,573	22,122,400	876,846
1965	472,271	633,406	42,227	927,053	22,653,965	918,081
1966	463,521	725,212	48,352	962,462	23,350,948	973,187
1967	580,606	570,955	38,068	937,970	22,944,392	991,630
1968	528,674	793,011	52,867	991,726	24,323,610	1,088,577
1969	558,154	827,231	55,815	1,121,984	28,822,441	1,306,668
1970	614,354	921,531	61,435	993,234	26,136,897	1,206,055
1971	604,510	755,638	60,741	987,343	24,717,499	1,137,282
1972	631,305	1,148,975	63,460	1,102,325	27,417,402	1,270,238
1973	721,945	721,945	69,042	928,100	25,850,825	1,198,391
1974	360,201	900,502	36,579	758,483	24,782,733	1,113,338
1975	246,725	371,813	53,733	1,052,002	46,477,401	2,315,655
***1976	790,929	1,977,324	98,866	1,276,004	77,009,362	3,845,491
1977	671,904	671,904	83,910	758,525	50,444,154	2,522,208
1978	549,475	549,475	68,684	797,738	52,400,413	2,620,021
1979	577,514	577,514	133,983	955,581	72,524,226	3,631,335
1980	508,126	508,126	146,573	865,182	88,164,861	4,408,243
TOTALS	9,346,035	14,055,312	1,175,808	28,655,602	962,437,937	41,387,867

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

CALIFORNIA

YEAR	<----- Z I N C ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	--	--	--	1	172	17
1955	--	--	--	2	6,170	618
1956	--	--	--	13	162	8
1957	--	--	--	--	--	--
1958	--	--	--	5,319	21,011	532
1959	--	--	--	15,390	79,576	6,449
1960	--	--	--	22,715	113,531	6,783
1961	1,750	110,000	6,020	23,122	134,795	8,895
1962	--	--	--	17,918	121,872	8,471
1963	--	--	--	19,352	122,289	8,406
1964	--	--	--	20,392	125,745	7,820
1965	--	--	--	10,903	77,655	5,420
1966	--	--	--	1,919	13,996	959
1967-70	--	--	--	--	--	--
1971	--	--	--	6,251	46,886	938
1972	--	--	--	1,507	11,303	217
1973-75	--	--	--	--	--	--
***1976	--	--	--	25	250	5
1977	--	--	--	3	30	1
1978	--	--	--	3	36	1
1979-80	--	--	--	--	--	--
TOTALS	1,750	110,000	6,020	144,835	875,487	55,540

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 10 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	7,073,034	150,654,242	4,502,546
1954	793,018	20,394,240	611,840
1955	856,196	22,334,448	707,781
1956	910,000	24,760,948	812,434
1957	849,417	22,585,721	749,740
1958	882,931	23,579,856	791,270
1959	931,060	24,179,851	804,136
1960	1,058,526	25,778,410	864,076
1961	1,014,633	27,068,247	964,980
1962	1,160,479	29,555,211	1,102,231
1963	1,345,978	29,005,253	1,114,454
1964	1,569,521	29,121,553	1,150,954
1965	1,669,771	31,341,598	1,264,634
1966	1,762,708	32,052,870	1,331,285
1967	1,601,780	30,136,761	1,295,504
1968	1,797,184	30,458,259	1,363,339
1969	2,002,898	35,672,816	1,619,869
1970	1,832,400	31,067,572	1,441,300
1971	1,885,917	31,941,619	1,477,089
1972	1,982,991	34,504,273	1,590,556
1973	1,854,241	31,622,264	1,486,076
1974	1,309,459	31,236,239	1,392,362
1975	1,616,244	57,128,538	2,856,458
***1976	2,376,953	94,426,124	4,716,322
1977	1,656,995	59,190,877	3,009,936
1978	1,538,113	61,279,249	3,105,172
1979	1,758,797	84,801,311	4,350,297
1980	1,565,128	102,117,106	5,227,021
TOTALS	46,656,372	1,207,997,456	51,703,662

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

CALIFORNIA

YEAR	C O A L			P H O S P H A T E		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIDE	1,257	3,190	299	--	--	--
1954-68	--	--	--	--	--	--
1969	--	--	--	7,342	19,605	980
1970	--	--	--	12,769	31,922	1,596
1971	--	--	--	8,867	10,794	540
1972-75	--	--	--	--	--	--
***1976	--	--	--	4,813	67,375	3,369
1977	--	--	--	6,326	88,562	4,428
1978	--	--	--	6,243	69,840	3,492
1979	--	--	--	2,881	27,393	1,370
1980	--	--	--	--	--	--
TOTALS	1,257	3,190	299	49,741	315,491	15,775

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

CALIFORNIA

YEAR	<----- P O T A S H ----->			<----- S O D I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,737,754	38,544,102	1,159,292	5,334,023	112,106,950	3,342,955
1954	229,162	5,398,851	161,966	563,855	14,995,217	449,857
1955	236,865	5,441,064	163,232	619,329	16,887,206	543,931
1956	240,642	5,874,215	176,226	669,345	18,886,571	636,200
1957	203,683	4,992,051	149,762	645,734	17,593,670	599,978
1958	205,440	4,895,660	146,909	671,882	18,638,773	641,388
1959	237,300	4,955,456	148,664	678,370	19,144,819	649,023
1960	285,169	5,573,170	167,796	750,642	20,091,709	689,497
1961	238,955	5,550,482	178,582	747,306	20,672,970	747,403
1962	285,565	6,986,581	234,155	816,050	21,575,246	817,253
1963	293,376	6,903,334	240,355	847,681	21,701,277	847,136
1964	261,714	6,282,645	226,904	893,573	22,122,400	876,846
1965	309,544	7,276,572	298,906	927,053	22,653,965	918,081
1966	313,806	7,962,644	308,787	963,462	23,350,948	973,187
1967	283,144	6,623,370	265,806	937,970	22,944,392	991,630
1968	276,784	5,341,638	221,895	991,726	24,323,610	1,088,577
1969	314,918	5,992,539	256,406	1,121,984	28,822,441	1,306,668
1970	212,043	3,977,222	172,214	993,234	26,136,897	1,206,055
1971	278,946	6,410,802	277,588	987,343	24,717,499	1,137,282
1972	247,254	5,926,593	256,621	1,102,925	27,417,402	1,270,238
1973	204,198	5,049,496	213,643	928,100	25,850,825	1,198,391
1974	190,775	5,553,004	240,445	758,483	24,782,733	1,113,338
1975	215,517	9,779,324	487,070	1,052,002	46,477,401	2,315,655
***1976	305,182	15,371,813	768,591	1,276,004	77,009,362	3,845,491
1977	220,237	7,986,227	379,311	758,525	50,444,154	2,522,208
1978	184,654	8,259,485	412,974	797,738	52,400,413	2,620,021
1979	222,821	11,672,178	583,609	955,581	72,524,226	3,631,335
1980	191,810	13,444,109	672,205	865,182	88,164,861	4,408,243
TOTALS	6,427,258	228,725,627	8,994,914	28,655,602	962,437,937	41,387,867

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

CALIFORNIA

YEAR	<----- O T H E R ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	--	--	--	7,073,034	150,654,242	4,502,546
1954	1	172	17	793,018	20,394,240	611,840
1955	--	--	--	856,194	22,328,270	707,163
1956	13	162	8	910,000	24,760,948	812,434
1957	--	--	--	849,417	22,585,721	749,740
1958	--	--	--	877,322	23,534,433	788,297
1959	--	--	--	915,670	24,100,275	797,687
1960	--	--	--	1,035,811	25,664,879	857,293
1961	--	--	--	986,761	26,223,452	925,985
1962	--	--	--	1,101,615	28,561,827	1,051,408
1963	--	--	--	1,141,057	28,604,611	1,087,491
1964	--	--	--	1,155,287	28,405,045	1,103,750
1965	--	--	--	1,236,597	30,630,537	1,216,987
1966	--	--	--	1,277,268	31,313,592	1,281,974
1967	--	--	--	1,221,114	29,567,762	1,257,436
1968	--	--	--	1,268,510	29,665,248	1,310,472
1969	--	--	--	1,444,744	34,835,585	1,564,054
1970	--	--	--	1,218,046	30,146,041	1,379,865
1971	--	--	--	1,275,156	31,139,095	1,415,410
1972	--	--	--	1,350,179	33,343,995	1,526,859
1973	--	--	--	1,132,298	30,900,321	1,417,034
1974	--	--	--	949,258	30,335,737	1,353,783
1975	--	--	--	1,267,519	56,256,725	2,802,725
***1976	--	--	--	1,585,999	92,448,550	4,617,451
1977	--	--	--	985,088	58,518,943	2,925,947
1978	--	--	--	988,635	60,729,738	3,036,487
1979	--	--	--	1,181,283	84,223,797	4,216,314
1980	--	--	--	1,056,992	101,608,970	5,080,448
TOTALS	14	334	25	37,133,872	1,191,482,579	50,398,880

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

CALIFORNIA

<----- O T H E R ----->				<- T O T A L A L L P R O D U C T S ->			
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	
1958	5,319	21,011	532	5,319	21,011	532	
1959	3,115	12,303	311	3,115	12,303	311	
1960	11,456	45,249	1,146	11,456	45,249	1,146	
1961	6,751	26,666	675	6,751	26,666	675	
1962	1,425	5,629	143	1,425	5,629	143	
1963	3,199	12,636	320	3,199	12,636	320	
1964	6,062	23,945	606	6,062	23,945	606	
1965	93	369	9	93	369	9	
1966	11	37	1	11	37	1	
1967-70	--	--	--	--	--	--	
1971	6,251	46,886	938	6,251	46,886	938	
1972	1,507	11,303	217	1,507	11,303	217	
1973-75	--	--	--	--	--	--	
***1976	25	250	5	25	250	5	
1977	3	30	1	3	30	1	
1978	3	36	1	3	36	1	
1979-80	--	--	--	--	--	--	
TOTALS	45,220	206,350	4,905	45,220	206,350	4,905	

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

CALIFORNIA

YEAR	<----- COPPER ----->			<----- SAND - GRAVEL ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	290	24,412	2,441	--	--	--
1959-60	--	--	--	--	--	--
1961	3,000	600,000	24,080	--	--	--
1962	26,604	350,000	40,918	14,342	21,512	1,434
1963	--	--	--	185,569	278,353	18,557
1964	--	--	--	393,842	590,763	39,384
1965	--	--	--	422,271	633,406	42,227
1966	--	--	--	483,521	725,282	48,352
1967	--	--	--	380,666	570,999	38,068
1968	--	--	--	528,674	793,011	52,867
1969	--	--	--	558,154	837,231	55,815
1970	--	--	--	614,354	921,531	61,435
1971	--	--	--	604,510	755,638	60,741
1972	--	--	--	631,305	1,148,975	63,480
1973	--	--	--	721,943	721,943	69,042
1974	--	--	--	360,201	900,502	38,579
1975	--	--	--	348,725	871,813	53,733
***1976	--	--	--	790,929	1,977,324	98,066
1977	--	--	--	671,904	671,904	83,988
1978	--	--	--	549,475	549,475	68,684
1979	--	--	--	577,514	577,514	133,983
1980	--	--	--	508,136	508,136	146,573
TOTALS	29,894	1,474,412	67,439	9,346,035	14,055,312	1,175,808

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

CALIFORNIA

YEAR	<----- Z I N C ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	--	--	--	2	6,178	618
1956-58	--	--	--	--	--	--
1959	--	--	--	12,275	67,273	6,138
1960	--	--	--	11,259	68,282	5,637
1961	1,750	110,000	6,020	16,371	108,129	8,220
1962	--	--	--	16,493	116,243	8,328
1963	--	--	--	16,153	109,653	8,086
1964	--	--	--	14,330	101,800	7,214
1965	--	--	--	10,610	77,286	5,411
1966	--	--	--	1,908	13,959	958
1967-80	--	--	--	--	--	--
TOTALS	1,750	110,000	6,020	99,601	668,803	50,610

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	2	6,178	618
1956-57	--	--	--
1958	290	24,412	2,441
1959	12,275	67,273	6,138
1960	11,259	68,282	5,637
1961	21,121	818,129	38,320
1962	57,439	987,755	50,680
1963	201,722	388,006	26,643
1964	408,172	692,563	46,598
1965	433,081	710,692	47,638
1966	485,429	739,241	49,310
1967	380,666	570,999	38,068
1968	528,674	793,011	52,867
1969	558,154	837,231	55,815
1970	614,354	921,531	61,435
1971	604,510	755,638	60,741
1972	631,305	1,148,975	63,480
1973	721,943	721,943	69,042
1974	360,201	900,502	38,579
1975	348,725	871,813	53,733
***1976	790,929	1,977,324	98,866
1977	671,904	671,904	83,988
1978	549,475	549,475	68,684
1979	577,514	577,514	133,983
1980	508,136	508,136	146,573
TOTALS	9,477,280	16,308,527	1,299,877

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

COLORADO

<----- C O A L ----->				<----- S A N D - G R A V E L ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	15,946,643	50,537,392	1,948,115	--	--	--
1954	524,444	2,884,420	64,263	--	--	--
1955	526,855	3,029,396	63,933	--	--	--
1956	524,437	3,146,619	63,560	--	--	--
1957	548,732	3,420,779	65,485	--	--	--
1958	536,304	3,706,903	66,197	--	--	--
1959	610,244	4,271,708	74,272	--	--	--
1960	935,738	6,550,164	99,927	--	--	--
1961	501,310	3,509,173	60,517	--	--	--
1962	526,562	3,685,932	71,702	--	--	--
1963	488,607	3,420,246	67,325	--	--	--
1964	744,024	5,208,171	105,157	--	--	--
1965	1,032,262	7,225,038	150,405	--	--	--
1966	1,640,467	11,482,266	245,011	--	--	--
1967	1,856,782	13,277,474	269,118	--	--	--
1968	1,934,768	13,543,374	284,851	--	--	--
1969	1,867,746	13,214,221	290,223	--	--	--
1970	1,933,200	13,532,400	303,844	--	--	--
1971	2,645,630	18,153,384	423,651	407,400	54,200	40,740
1972	2,250,045	14,900,001	352,849	--	--	--
1973	1,746,225	10,353,044	268,229	--	--	--
1974	2,358,866	19,330,018	386,688	55,400	5,540	1,108
1975	1,815,229	21,711,699	364,002	35,000	122,500	5,250
***1976	3,480,247	52,044,661	1,266,090	--	--	--
1977	4,021,197	67,562,595	845,083	--	--	--
1978	5,664,870	97,893,005	1,684,474	--	--	--
1979	7,731,302	139,736,934	4,287,723	--	--	--
1980	9,390,841	182,050,641	8,865,003	--	--	--
TOTALS	73,863,577	789,383,458	23,037,698	497,800	182,240	47,098

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

COLORADO

YEAR	<----- S O D I U M ----->			<----- O I L S H A L E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	4,405	59,779	1,694	--	--	--
1954	--	--	--	--	--	--
1955	261	58	8	--	--	--
1956	2,848	13,989	700	--	--	--
1957	5,267	23,703	1,185	--	--	--
1958	6,776	30,491	1,525	--	--	--
1959	7,857	36,257	1,813	--	--	--
1960	9,233	41,540	2,077	--	--	--
1961	9,954	44,791	2,240	--	--	--
1962	9,592	43,165	2,158	--	--	--
1963	9,788	44,040	2,202	--	--	--
1964	10,712	48,210	2,410	--	--	--
1965	8,341	37,534	1,817	--	--	--
1966	9,049	40,722	2,036	--	--	--
1967	8,188	36,845	1,842	--	--	--
1968	8,942	40,240	2,012	--	--	--
1969	9,309	41,893	2,095	--	--	--
1970	8,313	37,409	1,871	--	--	--
1971	9,621	43,293	2,165	--	--	--
1972	6,017	27,076	1,354	--	--	--
1973	4,843	21,793	1,090	--	--	--
1974	5,372	24,172	1,209	--	--	--
1975	6,288	29,297	1,415	--	--	--
***1976	13,158	59,209	2,961	--	--	--
1977	11,257	50,658	2,533	--	--	--
1978	11,394	51,274	2,564	--	--	--
1979	9,600	43,201	2,160	--	--	--
1980	7,802	35,109	1,755	4,904	49,040	813
TOTALS	214,188	1,004,764	48,891	4,904	49,040	813

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

COLORADO

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	15,951,048	50,597,171	1,949,809
1954	524,444	2,884,420	64,263
1955	527,116	3,029,454	63,941
1956	527,285	3,160,608	64,260
1957	553,999	3,444,482	66,670
1958	543,080	3,737,394	67,722
1959	618,101	4,307,965	76,085
1960	944,971	6,591,712	102,004
1961	511,264	3,553,964	62,757
1962	536,154	3,729,097	73,860
1963	498,395	3,464,294	69,527
1964	754,737	5,256,381	107,567
1965	1,040,603	7,263,372	152,222
1966	1,649,516	11,523,988	247,047
1967	1,904,970	13,314,319	270,960
1968	1,943,710	13,583,614	286,863
1969	1,897,055	13,256,114	292,318
1970	1,941,513	13,569,809	305,715
1971	3,062,651	18,250,877	466,556
1972	2,256,062	14,927,077	354,203
1973	1,751,068	10,374,837	269,319
1974	2,419,638	19,359,730	389,005
1975	1,856,517	21,862,496	370,668
***1976	3,493,405	52,103,870	1,269,051
1977	4,032,454	67,613,253	847,616
1978	5,696,264	97,944,279	1,687,038
1979	7,740,902	139,780,135	4,289,883
1980	9,403,547	182,134,790	8,867,571
TOTALS	74,580,469	790,619,502	23,134,500

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

COLUMBIA

YEAR	<----- C O A L ----->			<----- S O D I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIME	15,945,327	50,532,111	1,947,960	4,405	59,779	1,694
1954	524,345	2,883,898	64,253	--	--	--
1955	520,829	3,029,240	63,930	261	58	8
1956	524,417	3,148,619	63,560	2,848	13,989	700
1957	541,614	3,420,015	65,473	5,267	23,703	1,185
1958	536,304	3,706,903	66,197	6,776	30,491	1,525
1959	610,244	4,271,708	74,272	7,857	36,257	1,813
1960	955,730	6,550,164	99,927	9,233	41,548	2,077
1961	901,310	3,509,173	60,517	9,954	44,791	2,240
1962	926,502	3,685,932	71,702	9,592	43,165	2,158
1963	918,607	3,420,246	67,325	9,788	44,048	2,202
1964	744,024	5,208,171	105,157	10,713	48,210	2,410
1965	1,032,262	7,225,838	150,405	9,341	37,534	1,817
1966	1,640,467	11,483,266	245,011	9,049	40,722	2,036
1967	1,896,782	13,277,474	269,118	8,188	36,845	1,842
1968	1,934,708	13,543,374	284,851	8,942	40,240	2,012
1969	1,887,746	13,214,221	290,223	9,309	41,893	2,095
1970	1,933,200	13,532,400	303,844	8,313	37,409	1,871
1971	2,645,630	16,153,384	423,651	9,621	43,293	2,165
1972	2,250,045	14,900,001	352,849	6,017	27,076	1,354
1973	1,746,225	10,353,044	268,229	4,843	21,793	1,090
1974	2,351,786	19,329,018	386,670	5,372	24,172	1,209
1975	1,815,229	21,711,699	364,003	6,288	28,297	1,415
***1976	5,480,247	52,044,661	1,266,090	13,158	59,209	2,961
1977	4,021,197	67,562,595	845,083	11,257	50,658	2,533
1978	5,684,870	97,893,005	1,684,474	11,394	51,274	2,564
1979	7,731,302	129,730,934	4,287,723	9,600	43,201	2,160
1980	9,390,841	162,050,641	8,865,003	7,802	35,109	1,755
TOTALS	73,861,918	789,375,735	23,037,500	214,188	1,004,764	48,891

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

COLORADO

	<----- O I L S H A L E ----->			<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(4)	ROYALTY VALUE(4)	QUANTITY TONS	PRODUCTION VALUE(4)	ROYALTY VALUE(4)
PRE 1954	--	--	--	15,949,732	50,591,890	1,949,654
1954	--	--	--	524,345	2,883,898	64,253
1955	--	--	--	527,090	3,029,298	63,938
1956	--	--	--	527,265	3,160,608	64,260
1957	--	--	--	553,881	3,443,718	66,658
1958	--	--	--	543,080	3,737,394	67,722
1959	--	--	--	618,101	4,307,965	76,085
1960	--	--	--	944,971	6,591,712	102,004
1961	--	--	--	511,264	3,553,964	62,757
1962	--	--	--	536,154	3,729,097	73,860
1963	--	--	--	498,395	3,464,294	69,527
1964	--	--	--	754,737	5,256,381	107,567
1965	--	--	--	1,040,603	7,263,372	152,222
1966	--	--	--	1,649,516	11,523,988	247,047
1967	--	--	--	1,904,970	13,314,319	270,960
1968	--	--	--	1,943,710	13,583,614	286,863
1969	--	--	--	1,897,055	13,256,114	292,318
1970	--	--	--	1,941,513	13,569,809	305,715
1971	--	--	--	2,655,251	18,196,677	425,616
1972	--	--	--	2,256,062	14,927,077	354,203
1973	--	--	--	1,751,068	10,374,837	269,319
1974	--	--	--	2,364,138	15,353,190	387,879
1975	--	--	--	1,821,517	21,739,996	365,418
***1976	--	--	--	3,493,405	52,103,870	1,269,051
1977	--	--	--	4,032,454	67,613,253	947,616
1978	--	--	--	5,696,264	97,944,279	1,687,038
1979	--	--	--	7,740,902	139,780,135	4,289,883
1980	4,904	49,040	813	9,403,547	162,134,790	8,867,571
TOTALS	4,904	49,040	813	74,081,010	790,429,539	23,087,204

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

YEAR	<----- C O A L ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	1,316	5,281	155	--	--	--
1954	99	512	10	--	--	--
1955	26	156	3	--	--	--
1956	--	--	--	--	--	--
1957	118	764	12	--	--	--
1958-70	--	--	--	--	--	--
1971	--	--	--	407,400	54,200	40,740
1972-73	--	--	--	--	--	--
1974	100	1,000	18	55,400	5,540	1,108
1975	--	--	--	35,000	122,500	5,250
***1976-78	--	--	--	--	--	--
TOTALS	1,659	7,723	198	497,800	182,240	47,098

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
A 12 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
CONSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

COLUMBIAN

< TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	1,316	5,281	155
1954	99	522	10
1955	26	156	3
1956	--	--	--
1957	118	764	12
1958-70	--	--	--
1971	407,400	54,200	40,740
1972-73	--	--	--
1974	55,500	6,540	1,126
1975	35,000	122,500	5,250
1976-80	--	--	--
TOTALS	499,459	189,963	47,296

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

FLORIDA

ALL LANDS

YEAR	<----- P H O S P H A T E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	6,712	20,136	1,007	--	--	--
1954	4,428	13,264	664	--	--	--
1955	3,390	10,170	509	--	--	--
1956	4,308	12,922	646	--	--	--
1957	4,070	13,197	660	--	--	--
1958	3,745	15,282	829	--	--	--
1959	3,510	15,808	833	--	--	--
1960	7,565	22,263	1,346	--	--	--
1961	5,295	15,493	945	4,447	5,531	321
1962	6,260	15,206	986	7,832	7,690	522
1963	4,455	13,808	825	27,786	27,785	1,852
1964	4,805	15,448	909	26,002	26,002	1,733
1965	3,185	7,357	478	20,141	20,141	1,391
1966	4,365	10,083	655	1,352	1,352	95
1967	2,130	4,920	320	4,404	4,404	296
1968	1,140	2,633	171	--	--	--
1969	415	959	62	--	--	--
1970	2,875	6,641	431	--	--	--
1971	565	1,305	85	--	--	--
1972	795	1,836	119	--	--	--
1973	690	1,594	104	--	--	--
1974	1,639	9,493	497	106,723	106,723	10,672
1975	1,315	10,520	526	66,566	66,566	6,657
***1976	390	3,120	156	65,474	65,474	8,548
1977	735	5,380	294	101,169	101,169	10,117
1978	--	--	--	65,842	65,842	6,584
1979	--	--	--	25,250	25,250	2,525
1980	189,391	2,242,442	113,749	--	--	--
TOTALS	266,173	2,498,800	127,806	542,988	543,929	51,313

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 15 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

FLORIDA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	6,712	20,136	1,007
1954	4,428	13,284	664
1955	3,390	10,170	509
1956	4,309	12,922	646
1957	4,070	13,197	660
1958	2,745	15,282	829
1959	3,510	15,808	833
1960	7,565	22,263	1,346
1961	9,742	21,024	1,266
1962	14,092	22,896	1,508
1963	32,241	41,593	2,677
1964	30,807	41,450	2,642
1965	23,326	27,498	1,869
1966	5,717	11,435	750
1967	6,534	9,324	616
1968	1,140	2,633	171
1969	415	959	62
1970	2,875	6,641	431
1971	565	1,305	85
1972	795	1,836	119
1973	690	1,594	104
1974	108,362	116,216	11,169
1975	67,881	77,086	7,183
***1976	85,064	88,594	8,704
1977	101,904	107,049	10,411
1978	65,842	65,842	6,584
1979	25,250	25,250	2,525
1980	129,391	2,249,442	113,749
TOTALS	811,161	3,042,729	179,119

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

FLOPILA

YEAR	<----- P H O S P H A T E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	6,712	20,136	1,007	--	--	--
1954	4,428	13,284	664	--	--	--
1955	3,390	10,170	509	--	--	--
1956	4,308	12,922	646	--	--	--
1957	4,070	13,197	660	--	--	--
1958	3,745	15,282	829	--	--	--
1959	3,510	15,808	333	--	--	--
1960	7,569	22,263	1,346	--	--	--
1961	5,295	15,493	945	4,447	5,531	321
1962	6,260	15,206	986	7,832	7,690	522
1963	4,455	13,808	825	27,786	27,785	1,852
1964	4,805	15,448	909	26,002	26,002	1,733
1965	3,185	7,357	478	20,141	20,141	1,391
1966	4,365	10,083	655	1,352	1,352	95
1967	2,130	4,920	320	4,404	4,404	296
1968	1,140	2,633	171	--	--	--
1969	415	959	62	--	--	--
1970	2,875	6,641	431	--	--	--
1971	565	1,305	85	--	--	--
1972	795	1,836	119	--	--	--
1973	690	1,594	104	--	--	--
1974	1,639	9,453	497	--	--	--
1975	1,315	10,520	526	--	--	--
***1976	390	3,120	156	--	--	--
1977	735	5,400	294	--	--	--
1978-79	--	--	--	--	--	--
1980	169,391	2,249,442	113,749	--	--	--
TOTALS	268,172	2,498,900	127,306	91,364	92,905	6,210

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 10 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

FLORIDA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	6,712	20,136	1,007
1954	4,428	13,284	664
1955	3,390	10,170	509
1956	4,308	12,922	646
1957	4,070	13,197	660
1958	3,745	15,282	829
1959	3,510	15,808	833
1960	7,565	22,263	1,346
1961	9,742	21,024	1,266
1962	14,092	22,896	1,508
1963	32,241	41,593	2,677
1964	30,807	41,450	2,642
1965	23,326	27,498	1,869
1966	5,717	11,435	750
1967	6,534	9,324	616
1968	1,140	2,633	171
1969	415	959	62
1970	2,875	6,641	431
1971	565	1,305	85
1972	795	1,836	119
1973	690	1,594	104
1974	1,639	9,493	497
1975	1,315	10,520	526
***1976	390	3,120	156
1977	735	5,880	294
1978-79	--	--	--
1980	189,391	2,249,442	113,749
TOTALS	360,137	2,591,705	134,016

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
 AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

FLORIDA

YEAR	<----- S A N D - G R A V E L ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	106,723	106,723	10,672	106,723	106,723	10,672
1975	66,566	66,566	6,657	66,566	66,566	6,657
***1976	85,474	85,474	8,548	85,474	85,474	8,548
1977	101,169	101,169	10,117	101,169	101,169	10,117
1978	65,842	65,842	6,584	65,842	65,842	6,584
1979	25,250	25,250	2,525	25,250	25,250	2,525
1980	--	--	--	--	--	--
TOTALS	451,024	451,024	45,103	451,024	451,024	45,103

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

GEORGIA

ALL LANDS
ACQUIRED LANDS ONLY

<----- O T H E R ----->				<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	11,254	57,781	3,786	11,254	57,781	3,786
1954	--	--	--	--	--	--
1955	20,363	101,817	3,258	20,363	101,817	3,258
1956	30,983	156,490	5,108	30,983	156,490	5,108
1957	12,416	61,472	1,995	12,416	61,472	1,995
1958	12,870	22,712	2,169	12,870	22,712	2,169
1959	9,597	69,528	1,562	9,597	69,528	1,562
1960	6,239	44,155	998	6,239	44,155	998
1961	4,813	34,866	770	4,813	34,866	770
1962	14,028	101,563	2,244	14,028	101,563	2,244
1963	2,329	16,862	373	2,329	16,862	373
1964	12,061	87,322	1,930	12,061	87,322	1,930
1965	19,058	137,980	3,049	19,058	137,980	3,049
1966	5,720	42,253	1,054	5,720	42,253	1,054
1967	11,223	61,254	1,795	11,223	61,254	1,795
1968	18,201	131,775	2,912	18,201	131,775	2,912
1969	26,000	188,240	4,160	26,000	188,240	4,160
1970	16,732	56,084	2,677	16,732	56,084	2,677
1971	18,441	105,143	2,951	18,441	105,143	2,951
1972	7,076	51,230	1,132	7,076	51,230	1,132
1973	32,365	234,323	5,178	32,365	234,323	5,178
1974	5,380	46,335	861	5,380	46,335	861
1975	33,699	135,807	8,259	33,699	135,807	8,259
***1976	76,061	306,526	19,016	76,061	306,526	19,016
1977	34,810	140,284	8,141	34,810	140,284	8,141
1978	34,630	139,558	8,570	34,630	139,558	8,570
1979	20,983	84,561	5,065	20,983	84,561	5,065
1980	37,847	204,373	9,462	37,847	204,373	9,462
TOTALS	535,179	2,910,294	108,475	535,179	2,910,294	108,475

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

IDAH0

ALL LANDS

YEAR	<----- COAL ----->			<----- LIMESTONE ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FIDE	29,901	74,816	6,977	510,395	255,196	25,518
1954	816	6,807	122	120,419	60,210	6,021
1955	857	7,211	129	105,683	52,841	5,284
1956	--	--	--	71,091	35,546	3,552
1957	--	--	--	71,298	165,412	3,883
1958	--	--	--	69,376	34,618	3,469
1959	--	--	--	53,507	145,540	2,675
1960	--	--	--	178,289	484,946	9,286
1961	--	--	--	--	--	--
1962	--	--	--	20,258	55,651	4,274
1963	--	--	--	79,686	219,128	18,167
1964	--	--	--	--	--	--
1965	--	--	--	25,029	119,137	32,788
1966	--	--	--	--	--	--
1967	--	--	--	142,621	71,311	5,424
1968	--	--	--	6,073	36,429	1,518
1969	--	--	--	6,118	39,768	1,030
1970	--	--	--	--	--	--
1971	--	--	--	9,129	13,693	2,282
1972	--	--	--	13,241	19,862	3,310
1973	--	--	--	9,312	32,592	3,679
1974	--	--	--	25,186	62,967	5,556
1975	--	--	--	12,858	32,145	8,111
***1976-80	--	--	--	--	--	--
TOTALS	31,574	89,904	7,228	1,529,569	1,937,082	145,827

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

IDAHO

YEAR	<----- P H O S P H A T E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1948	3,038,103	5,754,250	482,745	--	--	--
1949	1,020,411	1,427,411	156,311	--	--	--
1950	839,961	1,224,766	131,237	--	--	--
1951	1,244,881	1,499,767	233,552	--	--	--
1952	1,116,661	1,350,356	202,150	--	--	--
1953	1,079,392	2,642,750	305,283	--	--	--
1954	1,457,791	2,658,742	289,904	477	3,000	146
1955	1,813,229	3,206,442	365,557	1,760	8,000	422
1956	1,614,541	3,199,601	343,222	2,067	12,000	690
1957	1,497,511	2,596,365	296,288	51,588	25,740	1,406
1958	1,534,002	2,723,095	313,944	69,828	40,871	1,965
1959	1,990,892	3,605,039	404,589	68,972	40,228	2,091
1960	2,454,049	4,511,902	506,405	--	--	--
1961	3,444,124	6,674,858	680,792	--	--	--
1962	3,050,000	6,964,126	609,187	--	--	--
1963	3,357,492	8,302,729	819,666	139,983	139,983	7,255
1964	4,043,110	11,629,662	1,035,414	93,220	93,220	5,505
1965	3,661,140	10,493,463	938,715	--	--	--
1966	3,223,657	9,453,098	826,988	49,355	74,032	4,226
1967	3,116,872	9,616,579	808,472	32,351	48,526	3,235
1968	3,082,794	10,984,667	822,472	1,021,091	1,021,091	51,392
1969	5,817,507	29,087,147	1,505,021	68,850	172,125	10,014
1970	5,484,481	27,012,926	1,464,159	50,817	144,600	8,676
***1971	2,861,994	15,801,453	2,846,479	--	--	--
1972	4,718,337	36,075,759	2,479,133	--	--	--
1973	6,976,647	53,372,421	3,486,731	--	--	--
1974	6,884,883	51,395,002	3,413,164	--	--	--
1975	6,407,104	54,264,839	3,852,000	--	--	--
TOTALS	54,451,695	419,520,959	29,619,580	1,650,359	1,823,416	97,023

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

YEAR	<----- S O D I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	157	3,149	394	5,470	53,485	2,262
1954-60	--	--	--	--	--	--
1961	--	--	--	35	850	64
1962	--	--	--	--	--	--
1963	--	--	--	53	1,310	98
1964	--	--	--	82	1,300	97
1965	--	--	--	60	1,200	90
1966	--	--	--	--	--	--
1967	--	--	--	632	1,116	78
1968	--	--	--	5,091	3,616	1,305
1969	--	--	--	4,943	3,026	204
1970	--	--	--	1,102	1,923	135
1971	--	--	--	21,228	32,425	927
1972	--	--	--	6,316	10,860	395
1973	--	--	--	531	2,045	143
1974	--	--	--	1,399,236	1,401,354	14,179
1975	--	--	--	526	2,820	197
***1976	--	--	--	1	315	22
1977	--	--	--	--	--	--
1978	--	--	--	109	545	38
1979	--	--	--	195	5,194	364
1980	--	--	--	--	--	--
TOTALS	157	3,149	394	1,445,616	1,523,404	20,598

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUSSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

IDARD

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
YEAR PRIOR	3,584,106	6,141,069	517,896
1954	1,141,646	1,494,508	162,454
1955	946,501	1,284,758	136,650
1956	1,315,972	1,535,313	237,104
1957	1,187,959	1,515,768	206,033
1958	1,748,768	2,677,438	308,752
1959	1,511,775	2,807,282	292,725
1960	1,993,278	3,699,388	375,265
1961	1,616,643	3,212,451	343,976
1962	1,569,357	2,677,756	301,968
1963	1,683,569	2,984,414	334,174
1964	2,059,946	3,646,567	406,777
1965	2,479,188	4,632,299	539,283
1966	3,444,122	8,674,858	680,792
1967	3,193,259	7,036,553	614,689
1968	3,508,640	8,482,767	829,744
1969	4,147,391	11,765,676	1,042,153
1970	3,662,242	10,495,406	938,850
1971	3,303,369	9,573,248	834,423
1972	3,168,780	9,695,847	815,412
1973	4,113,728	12,040,415	877,686
1974	7,310,779	30,723,593	1,534,770
1975	5,548,682	27,192,091	1,481,143
***1976	2,881,995	55,801,760	2,846,501
1977	4,718,337	36,075,759	2,479,133
1978	6,976,756	53,372,966	3,486,769
1979	6,885,078	51,400,197	3,413,528
1980	6,407,104	54,264,839	3,852,000
TOTALS	92,108,970	424,904,994	29,890,650

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF

AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

IDAHO

YEAR	<----- C O A L ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	29,901	74,886	6,977	616,700	1,958,992	103,210
1954	816	6,887	122	276,148	554,670	69,037
1955	857	7,211	129	229,357	485,727	57,339
1956	--	--	--	521,263	467,978	130,373
1957	--	--	--	422,300	332,264	105,575
1958	--	--	--	610,725	1,223,942	152,681
1959	--	--	--	350,839	636,803	87,710
1960	--	--	--	670,927	1,229,795	167,892
1961	--	--	--	720,188	1,585,375	181,799
1962	--	--	--	495,754	872,873	123,939
1963	--	--	--	580,244	1,034,267	145,061
1964	--	--	--	587,814	1,028,675	146,953
1965	--	--	--	736,117	1,288,204	184,029
1966	--	--	--	1,668,032	5,525,455	365,852
1967	--	--	--	1,560,786	4,238,538	336,629
1968	--	--	--	1,413,268	3,639,243	353,317
1969	--	--	--	1,675,010	5,463,049	418,753
1970	--	--	--	1,686,998	5,323,818	421,749
1971	--	--	--	1,489,575	4,907,162	372,394
1972	--	--	--	1,420,168	5,082,279	355,042
1973	--	--	--	995,561	3,679,371	248,890
1974	--	--	--	3,599,098	17,995,102	899,774
1975	--	--	--	3,562,159	17,400,917	981,313
***1976	--	--	--	6,635,953	37,429,958	2,006,122
1977	--	--	--	3,214,958	24,979,338	1,369,491
1978	--	--	--	5,274,835	40,877,672	2,234,088
1979	--	--	--	5,485,271	41,064,942	2,380,158
1980	--	--	--	4,946,514	39,715,880	2,397,104
TOTALS	31,574	88,984	7,228	51,446,562	270,022,289	16,796,274

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

IDAHO

	<----- S O D I U M ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	157	3,149	394	--	--	--
1954-72	--	--	--	--	--	--
1973	--	--	--	531	2,045	143
1974-EO	--	--	--	--	--	--
TOTALS	157	3,149	394	531	2,045	143

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

IDAHO

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FBIUR	646,758	2,037,027	110,581
1954	276,964	561,557	69,159
1955	230,214	492,938	57,468
1956	521,263	467,978	130,373
1957	422,300	332,264	105,575
1958	610,725	1,223,942	152,681
1959	350,839	636,803	87,710
1960	670,927	1,229,795	167,892
1961	720,188	1,585,375	181,799
1962	495,754	872,873	123,939
1963	580,244	1,034,267	145,061
1964	557,814	1,028,675	146,953
1965	736,117	1,288,204	184,029
1966	1,668,032	5,525,455	365,852
1967	1,560,786	4,238,538	336,629
1968	1,413,268	3,639,243	353,317
1969	1,675,010	5,463,049	418,753
1970	1,686,998	5,323,818	421,749
1971	1,489,575	4,907,162	372,394
1972	1,420,168	5,082,279	355,042
1973	996,092	3,681,416	249,033
1974	3,599,098	17,995,102	899,774
1975	3,562,159	17,400,917	981,313
***1976	6,635,953	37,429,958	2,006,122
1977	3,214,958	24,979,338	1,369,491
1978	5,274,835	40,877,672	2,234,088
1979	5,435,271	41,064,942	2,380,158
1980	4,946,514	35,715,880	2,397,104
TOTALS	51,478,824	270,116,467	16,804,039

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

IDAHO

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	5,470	53,485	2,262	5,470	53,485	2,262
1954-60	--	--	--	--	--	--
1961	35	850	64	35	850	64
1962	--	--	--	--	--	--
1963	53	1,310	98	53	1,310	98
1964	82	1,300	97	82	1,300	97
1965	60	1,200	90	60	1,200	90
1966	--	--	--	--	--	--
1967	638	1,116	78	638	1,116	78
1968	856	1,498	105	856	1,498	105
1969	443	776	54	443	776	54
1970	1,102	1,923	135	1,102	1,923	135
1971	1,094	2,224	156	1,094	2,224	156
1972	668	2,408	169	668	2,408	169
1973	--	--	--	--	--	--
1974	634	2,752	193	634	2,752	193
1975	526	2,820	197	526	2,820	197
***1976	1	315	22	1	315	22
1977	--	--	--	--	--	--
1978	109	545	38	109	545	38
1979	195	5,194	364	195	5,194	364
1980	--	--	--	--	--	--
TOTALS	11,966	79,716	4,122	11,966	79,716	4,122

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

INDIAN LANDS

IDAHO

YEAR	<----- L I M E S T O N E ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	510,395	255,196	25,518	2,421,483	3,795,361	379,535
1954	120,419	60,210	6,021	744,263	872,741	87,274
1955	105,683	52,841	5,284	610,604	738,979	73,898
1956	71,091	35,546	3,552	723,618	1,031,789	103,179
1957	71,298	165,412	3,883	694,361	1,018,092	96,575
1958	69,376	34,688	3,469	1,068,667	1,418,808	152,602
1959	53,507	145,540	2,675	1,106,952	2,021,939	202,194
1960	178,289	484,946	9,286	1,142,302	1,976,647	197,665
1961	--	--	--	894,353	1,614,226	161,423
1962	20,258	55,651	4,274	1,001,757	1,723,492	172,349
1963	79,686	219,138	18,167	953,758	1,688,828	168,883
1964	--	--	--	1,403,078	2,576,364	257,636
1965	25,029	119,137	32,788	1,717,982	3,223,758	322,376
1966	--	--	--	1,776,090	3,149,403	314,940
1967	142,621	71,311	5,424	1,489,214	2,725,588	272,558
1968	6,073	36,439	1,518	1,944,225	4,663,486	466,349
1969	6,118	39,768	1,030	2,368,100	6,166,613	616,661
1970	--	--	--	1,974,142	5,169,665	516,966
1971	9,129	13,693	2,282	1,734,082	4,545,936	454,594
1972	13,241	19,862	3,310	1,696,704	4,534,300	453,430
1973	9,312	32,592	3,679	2,087,233	7,305,316	573,582
1974	25,186	62,967	5,556	2,218,409	11,092,045	605,247
1975	12,858	32,145	8,111	1,922,322	5,611,609	482,846
***1976	--	--	--	3,246,041	18,371,495	840,357
1977	--	--	--	1,503,379	11,096,421	1,109,642
1978	--	--	--	1,701,812	12,494,749	1,252,643
1979	--	--	--	1,399,612	10,330,061	1,033,006
1980	--	--	--	1,460,590	14,548,959	1,454,896
TOTALS	1,529,569	1,937,082	145,827	43,005,133	149,506,670	12,823,306

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

ICAND

YEAR	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	477	3,000	146	--	--	--
1960	1,760	9,000	422	--	--	--
1961	2,067	12,000	690	--	--	--
1962	51,588	25,740	1,406	--	--	--
1963	69,828	40,871	1,965	--	--	--
1964	66,972	40,228	2,091	--	--	--
1965-67	--	--	--	--	--	--
1968	139,983	139,983	7,255	4,235	2,118	1,200
1969	93,220	93,220	5,505	4,500	2,250	150
1970	--	--	--	--	--	--
1971	49,355	74,032	4,226	20,134	30,201	771
1972	32,351	48,526	3,235	5,648	8,472	226
1973	1,021,091	1,021,091	51,392	--	--	--
1974	68,850	172,125	10,014	1,398,602	1,398,602	13,986
1975	50,817	144,600	8,676	--	--	--
***1976-80	--	--	--	--	--	--
TOTALS	1,650,359	1,023,416	97,023	1,433,119	1,441,643	16,333

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

INDIAN LANDS

IDAHO

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FY 1953	2,931,878	4,050,557	405,053
1954	864,682	932,951	93,295
1955	716,287	791,820	79,182
1956	794,709	1,067,335	106,731
1957	765,659	1,183,504	100,458
1958	1,138,043	1,453,496	156,071
1959	1,160,936	2,170,479	205,015
1960	1,322,351	2,469,593	207,373
1961	896,420	1,626,226	162,113
1962	1,073,603	1,804,883	178,029
1963	1,103,272	1,948,837	189,015
1964	1,472,050	2,616,592	259,727
1965	1,743,011	3,342,895	355,164
1966	1,776,090	3,149,403	314,940
1967	1,631,835	2,796,899	277,982
1968	2,094,516	4,842,026	476,322
1969	2,471,938	6,301,851	623,346
1970	1,974,142	5,169,665	516,966
1971	1,812,700	4,663,862	461,873
1972	1,747,944	4,611,160	460,201
1973	3,117,636	8,358,999	628,653
1974	3,711,047	12,725,739	634,803
1975	1,985,997	9,788,354	499,633
***1976	3,246,041	18,371,495	840,357
1977	1,503,379	11,096,421	1,109,642
1978	1,701,812	12,494,749	1,252,643
1979	1,399,612	10,330,061	1,033,006
1980	1,460,590	14,548,959	1,454,896
TOTALS	47,618,180	154,708,811	13,082,489

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ILLINOIS

ALL LANDS
ACQUIRED LANDS ONLY

YEAR	<----- C O A L ----->			<----- F L U O R S P R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	--	--	--	101,655	5,513,782	161,643
1954	--	--	--	16,128	1,009,548	24,719
1955	--	--	--	10,007	579,720	29,936
1956	--	--	--	12,806	783,108	30,070
1957	--	--	--	28,602	1,830,349	25,881
1958	--	--	--	19,082	1,076,117	16,769
1959	3,240	12,990	324	16,672	1,002,647	13,032
1960	14,322	48,696	2,148	10,756	582,588	7,691
1961	2,450	10,237	245	2,239	116,079	1,476
1962	1,092	5,360	114	2,029	118,389	2,166
1963	1,120	5,239	112	1,180	59,776	1,195
1964	1,010	4,546	101	--	--	--
1965	936	5,060	94	--	--	--
1966-68	--	--	--	--	--	--
1969	--	--	--	12,865	390,500	39,050
1970	--	--	--	4,124	154,539	14,115
1971	--	--	--	8,908	484,667	40,019
1972	--	--	--	11,198	697,563	69,732
1973	--	--	--	14,664	864,732	86,473
1974	--	--	--	5,698	322,365	30,792
1975	--	--	--	--	--	--
***1976	--	--	--	8,267	282,960	20,903
1977	--	--	--	--	--	--
1978	--	--	--	10,334	1,175,037	52,877
1979	--	--	--	7,954	952,169	42,848
1980	--	--	--	7,275	1,114,051	50,132
TOTALS	24,170	92,128	3,136	313,663	19,110,686	761,599

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ILLINOIS

ALL LANDS
ACQUIRED LANDS ONLY

YEAR	<----- L E A D ----->			<----- Z I N C ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	--	--	--	859	70,079	3,762
1972	--	--	--	1,191	74,474	7,441
1973	--	--	--	1,338	114,796	11,480
1974	--	--	--	704	81,474	7,155
1975	--	--	--	--	--	--
***1976	--	--	--	285	19,607	1,754
1977	--	--	--	--	698	31
1978	6	1,914	86	410	77,616	3,493
1979	9	6,257	282	466	135,455	6,535
1980	4	2,992	135	413	113,662	5,115
TOTALS	19	11,163	503	5,666	687,861	46,766

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

ILLINOIS

ACQUIRED LANDS ONLY

<----- OTHER ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	--	--	--	101,855	5,513,782	161,643
1954	--	--	--	16,128	1,009,548	24,719
1955	--	--	--	10,007	579,720	29,936
1956	--	--	--	12,806	783,108	30,070
1957	--	--	--	28,602	1,830,349	25,881
1958	--	--	--	19,082	1,076,117	16,769
1959	--	--	--	19,912	1,015,637	13,356
1960	--	--	--	25,078	631,284	9,839
1961	--	--	--	4,689	126,316	1,721
1962	--	--	--	3,121	123,749	2,280
1963	--	--	--	2,300	65,015	1,307
1964	--	--	--	1,010	4,546	101
1965	--	--	--	936	5,060	94
1966-68	--	--	--	--	--	--
1969	--	--	--	13,865	390,500	39,050
1970	--	--	--	4,124	154,539	14,115
1971	--	--	--	9,767	554,746	43,781
1972	--	--	--	12,389	772,037	77,173
1973	--	--	--	16,002	979,528	97,953
1974	--	--	--	6,402	403,839	37,947
1975	--	--	--	--	--	--
***1976	--	--	--	8,572	302,567	22,737
1977	--	--	--	--	698	31
1978	1,122	40,420	1,954	11,872	1,297,987	58,410
1979	1,052	50,205	2,259	9,481	1,144,086	51,924
1980	6,633	61,299	3,034	14,325	1,292,004	58,416
TOTALS	8,807	154,924	7,247	352,325	20,056,762	819,253

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

KENTUCKY

<----- COAL ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	3,382	12,176	507	3,382	12,176	507
1956	20,184	72,663	3,028	20,184	72,663	3,028
1957	21,370	82,379	3,206	21,370	82,379	3,206
1958	16,618	57,272	2,523	16,618	57,272	2,523
1959	22,352	89,406	3,353	22,352	89,406	3,353
1960	15,133	60,571	2,272	15,133	60,571	2,272
1961	15,212	60,848	2,282	15,212	60,848	2,282
1962	14,334	57,325	2,150	14,334	57,325	2,150
1963	28,209	112,837	4,231	28,209	112,837	4,231
1964	91,113	364,450	13,667	91,113	364,450	13,667
1965	241,290	965,160	36,193	241,290	965,160	36,193
1966	151,160	604,638	22,673	151,160	604,638	22,673
1967	128,568	514,272	19,285	128,568	514,272	19,285
1968	93,956	375,822	14,093	93,956	375,822	14,093
1969-70	--	--	--	--	--	--
1971	148,714	848,461	37,178	148,714	848,461	37,178
1972	363,688	2,182,131	90,922	363,688	2,182,131	90,922
1973	441,071	3,076,178	110,268	441,071	3,076,178	110,268
1974	452,808	3,711,661	128,869	452,808	3,711,661	128,869
1975	241,689	3,166,080	126,643	241,689	3,166,080	126,643
***1976	317,837	5,813,271	232,530	317,837	5,813,271	232,530
1977	82,891	1,630,356	65,214	82,891	1,630,356	65,214
1978	29,875	679,972	27,199	29,875	679,972	27,199
1979	50,227	1,379,712	55,188	50,227	1,379,712	55,188
1980	2,992	89,727	3,589	2,992	89,727	3,589
TOTALS	2,994,873	26,007,368	1,007,063	2,994,873	26,007,368	1,007,063

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS ACQUIRED LANDS ONLY

LOUISIANA

<----- SAND - GRAVEL ----->				<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FRICK	30,062	37,512	2,149	30,062	37,512	2,149
1954	8,421	2,990	570	8,421	2,990	570
1955	98,219	139,904	7,034	98,219	139,904	7,034
1956	299,235	411,846	21,134	299,235	411,846	21,134
1957	458,747	588,353	32,474	458,747	588,353	32,474
1958	259,191	326,245	18,525	259,191	326,245	18,525
1959	271,031	340,572	19,213	271,031	340,572	19,213
1960	322,777	391,256	23,540	322,777	391,256	23,540
1961	162,926	216,322	11,956	162,926	216,322	11,956
1962-80	--	--	--	--	--	--
TOTALS	1,910,609	2,455,000	136,595	1,910,609	2,455,000	136,595

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUSSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS ACQUIRED LANDS ONLY

MAINE

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	4	400	28	4	400	28
1954-57	--	--	--	--	--	--
1958	2	1,295	162	2	1,295	162
1959	3	1,900	152	3	1,900	152
1960	3	4,798	384	3	4,798	384
1961	1	822	67	1	822	67
1962-66	--	--	--	--	--	--
1967	55	496	25	55	496	25
1968-80	--	--	--	--	--	--
TOTALS	68	9,711	818	68	9,711	818

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

MICHIGAN

ACQUIRED LANDS ONLY

	<----- S A N D - G R A V E L ----->			<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1963	4,838	3,225	322	4,838	3,225	322
1964	1,765	1,177	118	1,765	1,177	118
1965-66	--	--	--	--	--	--
TOTALS	6,603	4,402	440	6,603	4,402	440

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

MINNESOTA

	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	527,302	168,779	3,723	4,350	675	26
1954	90	90	6	--	--	--
1955	--	--	--	--	--	--
1956	9,263	532	463	--	--	--
1957	12,345	8,965	2,760	--	--	--
1958-77	--	--	--	--	--	--
1978	--	--	--	15,539	235,027	6,293
1979	--	--	--	10,694	207,256	9,327
1980	--	--	--	14,032	203,218	8,129
TOTALS	549,000	178,386	6,952	53,615	646,176	23,775

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
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SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

MINNESOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	531,652	169,454	3,749
1954	90	90	6
1955	--	--	--
1956	9,263	532	463
1957	12,345	8,985	2,760
1958-77	--	--	--
1978	15,539	235,027	6,293
1979	19,694	207,256	9,327
1980	14,032	203,218	8,129
TOTALS	602,615	824,562	30,727

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
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MINING OPERATIONS

ACQUIRED LANDS

MINNESOTA

	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	9,263	532	463	--	--	--
1957	1,199	68	60	--	--	--
1958-77	--	--	--	--	--	--
1978	--	--	--	15,539	235,027	6,293
1979	--	--	--	19,694	207,256	9,327
1980	--	--	--	14,032	203,216	8,129
TOTALS	10,462	600	523	49,265	645,501	23,749

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
CONSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

MINNESOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	9,263	532	463
1957	1,199	68	60
1958-77	--	--	--
1978	15,539	235,027	6,293
1979	19,694	207,256	9,327
1980	14,032	203,218	8,129
TOTALS	59,727	646,101	24,272

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
 A 12 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

MINNESOTA

	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	527,302	168,779	3,723	4,350	675	26
1954	90	90	6	--	--	--
1955-56	--	--	--	--	--	--
1957	11,146	8,917	2,700	--	--	--
1958-60	--	--	--	--	--	--
TOTALS	538,538	177,786	6,429	4,350	675	26

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

MINNESOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	531,652	169,454	3,749
1954	90	90	6
1955-56	--	--	--
1957	11,146	8,917	2,700
1958-80	--	--	--
TOTALS	542,888	178,461	6,455

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 10 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

MISSISSIPPI

ALL LANDS ACQUIRED LANDS ONLY

	<----- S A N D - G R A V E L ----->			<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD 1954-80	23,621 --	31,568 --	2,759 --	23,621 --	31,568 --	2,759 --
TOTALS	23,621	31,568	2,759	23,621	31,568	2,759

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

MISSOURI

YEAR	<----- C O P P E R ----->			<----- L E A D ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	--	--	--	3,115	388,175	15,527
1962	--	--	--	9,015	1,006,395	40,256
1963	--	--	--	2,887	357,013	12,342
1964	--	--	--	12,584	1,773,580	71,040
1965	--	--	--	16,879	2,732,933	109,317
1966	--	--	--	16,484	2,924,226	116,969
1967	1,203	199,038	7,961	22,039	3,270,092	130,804
1968	653	126,608	5,127	78,765	10,983,463	440,174
1969	10,114	1,920,164	79,208	158,099	23,622,976	958,055
1970	14,337	3,283,676	133,206	199,750	35,285,261	1,418,742
1971	16,300	3,588,164	143,090	252,890	44,017,439	1,765,230
1972	13,620	2,457,571	99,095	280,729	42,195,150	1,695,062
1973	6,417	1,193,042	48,409	323,238	54,640,388	2,192,473
1974	1,833	446,642	20,417	370,104	75,318,619	3,240,578
1975	15,965	2,801,369	117,457	417,155	115,339,809	5,108,737
***1976	30,205	4,301,628	194,577	639,260	140,439,616	6,332,161
1977	19,019	2,669,722	120,876	414,599	135,343,034	6,112,109
1978	10,071	1,322,707	62,997	364,577	131,650,805	6,021,496
1979	14,285	4,309,434	215,502	470,168	256,469,465	12,338,858
1980	15,290	6,026,653	301,333	429,949	222,049,341	11,102,511
TOTALS	169,342	34,454,418	1,549,255	4,482,286	1,295,807,780	59,222,441

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

MISSOURI

ALL LANDS ACQUIRED LANDS ONLY

YEAR	<----- S A N D - G R A V E L ----->			<----- Z I N C ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	235	1,134	2,677	--	--	--
1954-66	--	--	--	--	--	--
1967	--	--	--	1,607	135,226	5,409
1968	--	--	--	12,732	1,122,549	44,935
1969	--	--	--	18,715	1,744,701	70,371
1970	--	--	--	29,263	3,232,040	129,931
1971	--	--	--	46,948	5,049,400	202,350
1972	--	--	--	50,010	5,144,693	206,819
1973	--	--	--	73,306	8,092,572	324,144
1974	--	--	--	133,188	22,724,722	928,657
1975	--	--	--	88,795	24,413,084	1,065,506
***1976	--	--	--	182,200	42,074,638	1,912,130
1977	--	--	--	135,689	28,791,020	1,296,166
1978	--	--	--	48,661	6,949,997	318,888
1979	--	--	--	117,579	22,929,513	1,078,235
1980	--	--	--	101,536	23,684,379	1,184,367
TOTALS	235	1,134	2,677	1,040,229	196,088,534	8,767,908

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

MISSOURI

ALL LANDS ACQUIRED LANDS ONLY

<----- OTHER ----->

<----- TOTAL ALL PRODUCTS ----->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIME	--	--	--	235	1,134	2,677
1954-59	--	--	--	--	--	--
1960	806	5,040	630	806	5,040	630
1961	--	--	--	3,115	388,175	15,527
1962	--	--	--	9,015	1,006,395	40,256
1963	20,927	291,587	13,079	23,814	618,600	25,421
1964	6,845	85,563	4,278	19,429	1,859,143	75,318
1965	5,043	63,037	3,152	21,922	2,795,970	112,469
1966	4,535	56,688	2,834	21,019	2,980,914	119,803
1967	5,855	41,308	1,655	30,704	3,645,744	145,829
1968	--	--	--	92,150	12,232,620	490,236
1969	--	--	--	186,928	27,295,841	1,107,634
1970	2,705	4,057	406	246,055	41,805,034	1,682,285
1971	5,729	72,563	3,581	321,867	52,727,566	2,114,251
1972	4,572	6,858	586	348,931	49,804,272	2,001,662
1973	--	--	--	402,961	63,926,002	2,565,026
1974	--	--	--	505,125	98,489,983	4,189,652
1975	--	--	--	521,915	142,354,262	6,291,700
***1976	8,219	12,583	1,258	860,084	186,828,465	8,440,126
1977	--	--	--	569,307	166,803,776	7,529,151
1978	--	--	--	423,309	139,923,509	6,403,381
1979	--	--	--	602,032	283,708,412	13,632,595
1980	--	--	--	546,775	251,760,373	12,588,211
TOTALS	65,406	609,364	31,559	5,757,498	1,530,961,230	69,573,840

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

MONTANA

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICED	20,718,564	29,413,138	2,135,431	--	--	--
1954	842,949	1,340,113	86,205	--	--	--
1955	40,417	124,523	6,345	--	--	--
1956	32,205	175,481	5,415	--	--	--
1957	30,643	147,690	4,923	750	365	50
1958	25,992	130,423	4,390	2,307	1,654	220
1959	54,048	179,663	7,024	17,332	21,665	1,211
1960	70,227	218,113	8,789	15	15	30
1961	63,938	197,108	7,764	--	--	--
1962	163,411	410,554	18,021	--	--	--
1963	164,305	414,359	17,991	--	--	--
1964	81,341	254,500	9,571	--	--	--
1965	156,505	405,374	16,938	--	--	--
1966	50,290	190,227	5,997	450	300	30
1967	94,413	261,626	10,268	50	500	50
1968	75,460	210,976	3,200	152	1,520	228
1969	196,361	472,794	20,583	2,582	4,723	445
1970	162,207	286,524	11,027	1,743	11,550	420
1971	89,427	260,223	9,467	--	--	--
1972	95,408	286,832	9,969	--	--	--
1973	1,939,914	5,703,726	240,871	--	--	--
1974	3,019,141	7,389,637	453,843	--	--	--
1975	11,022,442	41,397,830	2,141,246	--	--	--
***1976	21,420,897	111,844,054	4,896,764	--	--	--
1977	14,988,962	80,037,228	3,418,315	--	--	--
1978	13,246,096	85,927,190	3,603,899	--	--	--
1979	12,934,246	133,060,522	3,621,752	--	--	--
1980	13,134,567	114,129,619	4,286,457	--	--	--
TOTALS	114,850,512	615,425,609	25,067,475	26,381	42,292	2,684

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

MONTANA

YEAR	<----- P H O S P H A T E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	1,868,801	9,937,965	292,677	578,125	153,886	17,671
1954	312,508	1,367,747	64,391	--	--	--
1955	318,541	1,343,146	56,811	808,893	404,446	18,274
1956	548,517	2,125,456	89,113	230,400	115,200	6,092
1957	487,760	1,759,445	76,208	358,807	179,404	8,961
1958	586,711	2,444,136	114,191	713,136	356,568	21,161
1959	679,480	2,769,347	130,425	1,981,575	1,486,181	80,429
1960	676,612	2,580,694	108,658	1,199,173	899,379	44,029
1961	563,092	2,374,983	97,536	653,366	326,684	26,579
1962	545,208	2,679,524	109,997	421,001	210,500	18,806
1963	454,126	2,460,730	102,077	436,231	327,173	13,547
1964	626,864	2,979,517	112,414	730,539	547,904	32,738
1965	810,503	3,767,455	130,125	205,056	143,370	9,431
1966	935,055	4,579,291	145,252	173,102	116,302	11,069
1967	844,384	4,398,328	124,310	701,436	526,077	38,285
1968	741,021	3,986,581	98,595	34,961	34,961	2,886
1969	113,035	254,358	24,994	451,944	451,944	34,097
1970	24,827	223,247	11,162	639,503	639,503	27,002
1971	22,679	204,279	10,214	1,040,345	1,041,035	56,463
1972	6,356	55,459	2,771	115,991	125,044	9,178
1973	578	5,311	266	402,783	403,687	26,934
1974	16,917	163,973	3,199	457,001	457,001	34,372
1975	6,270	99,464	4,973	780,077	780,077	59,607
***1976	6,405	73,140	3,657	1,265,214	2,341,428	107,194
1977	19,124	407,564	20,378	--	--	--
1978	72,453	1,577,401	78,870	--	--	--
1979	67,571	1,628,909	81,445	--	--	--
1980	81,068	2,124,357	106,243	--	--	--
TOTALS	11,476,966	59,007,307	2,205,952	14,378,659	12,067,754	704,805

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUSSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

RENTAL

YEAR	<----- S O D I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	--	--	--	1,060	755	83
1956	--	--	--	2,166	1,082	145
1957	--	--	--	3,802	2,966	236
1958	--	--	--	2,447	4,997	363
1959	--	--	--	5,524	7,504	206
1960	--	--	--	7,517	9,734	529
1961	--	--	--	7,682	9,053	673
1962	--	--	--	27,975	28,318	2,294
1963	4,704	32,034	2,307	20,553	30,627	1,556
1964	3,718	25,317	1,266	22,294	36,695	1,890
1965	3,618	24,642	1,292	7,556	5,037	618
1966	4,279	29,138	1,457	83,077	55,385	2,173
1967	2,298	15,651	782	763,271	134,180	2,880
1968	287	1,913	98	217,976	108,988	3,034
1969	409	2,789	139	1,058,222	551,638	15,503
1970	1,480	15,414	771	907,386	500,319	16,849
1971	--	--	--	327,185	213,193	14,980
1972	--	--	--	4,743	4,743	1,594
1973	--	--	--	6,822	6,289	995
1974	--	--	--	153,343	89,560	10,062
1975	--	--	--	--	--	--
***1976	--	--	--	3,311	7,451	731
1977	--	--	--	2,170	8,680	814
1978	--	--	--	2,370	9,480	889
1979	--	--	--	6,654	26,616	1,664
1980	--	--	--	3,327	13,306	832
TOTALS	20,793	146,936	8,112	3,154,433	1,866,599	81,593

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

FONTANA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	23,165,490	39,504,989	2,445,779
1954	1,155,457	3,207,860	150,596
1955	1,168,961	1,947,870	81,513
1956	813,368	2,417,220	100,765
1957	881,762	2,089,870	90,378
1958	1,337,593	2,937,778	140,325
1959	2,737,959	4,461,360	219,305
1960	1,952,544	3,707,935	162,035
1961	1,288,078	2,907,828	132,552
1962	1,157,595	3,328,896	149,118
1963	1,079,919	3,265,423	137,478
1964	1,464,756	3,743,993	157,879
1965	1,183,238	4,345,878	158,404
1966	1,246,253	4,960,643	165,978
1967	1,906,352	5,336,362	176,575
1968	1,069,863	4,344,981	113,041
1969	1,862,553	2,468,246	95,761
1970	1,677,146	1,676,557	67,231
1971	1,479,636	1,718,730	91,124
1972	222,498	472,078	23,512
1973	2,350,097	6,119,013	269,066
1974	3,642,402	8,099,171	506,476
1975	11,808,789	42,277,371	2,205,826
***1976	22,695,827	114,266,073	5,008,346
1977	15,010,256	80,453,472	3,439,507
1978	13,320,919	87,514,071	3,683,658
1979	13,008,471	134,716,047	3,704,861
1980	13,218,962	116,267,784	4,393,532
TOTALS	143,907,744	688,557,499	28,070,621

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

UNITED STATES

YEAR	COAL			PHOSPHATE		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	1,177,599	1,817,410	85,852	1,361,301	1,937,965	292,677
1955	1,221	153,499	4,122	1,348,146	1,367,747	64,391
1956	1,169	140,362	4,112	1,25,456	1,348,146	56,811
1957	1,054	121,088	3,711	1,759,445	1,759,445	89,113
1958	17,387	82,326	2,453	1,769,480	1,769,480	76,208
1959	46,539	135,002	4,122	1,769,480	1,769,480	114,191
1960	17,387	175,747	7,100	1,769,480	1,769,480	130,425
1961	17,387	175,747	7,100	1,769,480	1,769,480	108,658
1962	17,387	175,747	7,100	1,769,480	1,769,480	97,536
1963	17,387	175,747	7,100	1,769,480	1,769,480	109,997
1964	17,387	175,747	7,100	1,769,480	1,769,480	102,077
1965	17,387	175,747	7,100	1,769,480	1,769,480	112,414
1966	17,387	175,747	7,100	1,769,480	1,769,480	130,125
1967	17,387	175,747	7,100	1,769,480	1,769,480	145,252
1968	17,387	175,747	7,100	1,769,480	1,769,480	124,310
1969	17,387	175,747	7,100	1,769,480	1,769,480	98,595
1970	17,387	175,747	7,100	1,769,480	1,769,480	94,994
1971	17,387	175,747	7,100	1,769,480	1,769,480	24,994
1972	17,387	175,747	7,100	1,769,480	1,769,480	22,679
1973	17,387	175,747	7,100	1,769,480	1,769,480	20,429
1974	17,387	175,747	7,100	1,769,480	1,769,480	1,311
1975	17,387	175,747	7,100	1,769,480	1,769,480	163,973
1976	17,387	175,747	7,100	1,769,480	1,769,480	99,464
1977	17,387	175,747	7,100	1,769,480	1,769,480	73,140
1978	17,387	175,747	7,100	1,769,480	1,769,480	407,564
1979	17,387	175,747	7,100	1,769,480	1,769,480	1,577,401
1980	17,387	175,747	7,100	1,769,480	1,769,480	1,628,909
1981	17,387	175,747	7,100	1,769,480	1,769,480	81,445
1982	17,387	175,747	7,100	1,769,480	1,769,480	106,242
TOTALS	11,476,966	11,476,966	11,476,966	11,476,966	11,476,966	2,205,952

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1974 DATA CONSISTS OF
 21 MONTHS PERIOD (JULY 1973 - JUNE 1974).
 SUBSEQUENTLY, ALL DATA WILL BE IN CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

MONTANA

YEAR	<----- S O D I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1962	--	--	--	16,672	16,672	1,667
1963	4,704	31,034	2,307	10,074	20,148	1,007
1964	3,718	25,317	1,266	14,400	28,800	1,440
1965	3,618	24,642	1,292	--	--	--
1966	4,279	29,130	1,457	--	--	--
1967	2,298	15,651	782	--	--	--
1968	217	1,953	98	--	--	--
1969	409	2,789	139	--	--	--
1970	1,480	15,414	771	--	--	--
1971-80	--	--	--	--	--	--
TOTALS	20,793	146,930	8,112	41,146	65,620	4,114

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1970 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1970 - DECEMBER 1970).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	22,529,354	39,123,616	2,418,647
1954	1,150,507	3,185,205	149,743
1955	351,772	1,501,645	61,647
1956	578,686	2,265,818	93,225
1957	513,414	1,880,533	79,964
1958	603,798	2,527,464	116,684
1959	726,019	2,904,349	135,761
1960	740,476	2,760,481	115,864
1961	623,637	2,550,265	104,431
1962	721,597	3,083,326	128,692
1963	630,454	2,910,207	122,635
1964	723,541	3,171,994	124,043
1965	970,403	4,195,129	148,243
1966	989,624	4,788,656	152,706
1967	940,784	4,670,736	135,198
1968	816,774	4,199,512	106,893
1969	349,805	1,459,941	45,716
1970	128,514	525,185	22,960
1971	112,106	464,502	19,681
1972	101,764	342,291	12,740
1973	1,940,492	5,709,037	241,137
1974	3,032,058	7,552,610	462,042
1975	7,829,497	27,903,266	1,224,836
***1976	15,036,394	73,428,031	2,363,951
1977	10,478,723	53,364,456	1,647,680
1978	8,763,657	56,389,611	1,460,410
1979	8,638,915	99,302,172	1,456,634
1980	10,472,604	93,211,756	2,783,094
TOTALS	100,496,369	505,371,794	15,935,257

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

MONTANA

<----- C O A L ----->				<----- L I M E S T O N E ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1948	58,011	227,487	9,461	--	--	--
1954	4,950	22,655	853	--	--	--
1955	7,236	41,024	1,509	--	--	--
1956	2,116	35,119	1,303	--	--	--
1957	4,989	26,602	1,167	750	365	50
1958	8,905	47,095	1,897	3,307	1,654	220
1959	7,509	41,661	1,698	17,332	21,665	1,211
1960	6,263	38,326	1,583	15	15	30
1961	3,393	21,826	869	--	--	--
1962	3,694	23,424	993	--	--	--
1963	2,755	17,504	747	--	--	--
1964	2,762	16,200	648	--	--	--
1965	223	2,342	112	--	--	--
1966	--	--	--	450	300	30
1967	811	4,869	162	50	500	50
1968	--	--	--	152	1,520	228
1969	--	--	--	2,582	4,723	445
1970	--	--	--	1,743	11,550	420
1971-74	--	--	--	--	--	--
1975	3,149,215	13,594,028	921,383	--	--	--
***1976	6,390,908	36,489,163	2,536,470	--	--	--
1977	4,529,363	27,080,356	1,791,013	--	--	--
1978	4,554,892	31,114,980	2,222,359	--	--	--
1979	4,362,902	35,387,259	2,246,563	--	--	--
1980	2,742,031	23,042,720	1,609,606	--	--	--
TOTALS	25,693,048	169,274,680	11,350,396	26,381	42,292	2,684

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

NEVADA

YEAR	<----- S A N D - C H A V E L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	578,125	153,846	17,671	--	--	--
1954	--	--	--	--	--	--
1955	408,893	404,446	18,274	1,060	755	83
1956	270,400	115,200	6,092	2,166	1,083	145
1957	218,107	179,404	3,961	3,802	2,966	236
1958	713,136	352,568	21,161	8,447	4,997	363
1959	1,981,575	1,486,181	30,429	5,524	7,504	206
1960	1,199,173	899,379	44,029	7,517	9,734	529
1961	653,366	325,614	26,579	7,682	9,053	673
1962	421,001	210,500	18,806	11,303	11,646	627
1963	436,231	227,173	13,547	10,479	10,479	549
1964	720,539	547,904	32,738	7,694	7,695	450
1965	505,010	143,370	9,431	7,556	5,037	618
1966	173,102	116,302	11,069	82,077	55,385	2,173
1967	701,436	526,077	38,285	262,271	134,180	2,880
1968	34,961	34,961	2,886	217,976	108,980	3,034
1969	451,944	451,944	34,097	1,050,222	551,638	15,503
1970	639,503	639,503	27,002	907,386	500,319	16,849
1971	1,040,345	1,041,035	56,463	327,185	213,193	14,980
1972	115,991	125,044	9,178	4,743	4,743	1,594
1973	402,783	403,687	26,924	6,822	6,289	595
1974	457,001	457,001	34,372	153,343	89,560	10,062
1975	780,077	780,077	59,607	--	--	--
***1976	1,265,214	2,341,426	107,194	3,311	7,451	731
1977	--	--	--	2,170	8,680	814
1978	--	--	--	2,370	9,480	889
1979	--	--	--	6,654	26,616	1,664
1980	--	--	--	3,327	13,308	832
TOTALS	14,378,659	12,067,754	704,805	3,113,287	1,800,979	77,475

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
A 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	636,136	381,373	27,132
1954	4,950	22,655	853
1955	817,189	446,225	19,866
1956	234,682	151,402	7,540
1957	368,348	209,337	10,414
1958	733,795	410,314	23,641
1959	2,011,940	1,557,011	83,544
1960	1,213,068	947,454	46,171
1961	664,441	357,563	28,121
1962	435,998	245,570	20,426
1963	449,465	355,216	14,843
1964	741,215	571,999	33,836
1965	212,835	150,749	10,161
1966	256,629	171,987	13,272
1967	965,560	665,626	41,377
1968	253,089	145,469	6,148
1969	1,512,748	1,008,305	50,045
1970	1,548,632	1,151,372	44,271
1971	1,367,530	1,254,228	71,443
1972	120,734	129,787	10,772
1973	409,605	409,976	27,929
1974	610,344	546,561	44,434
1975	3,679,292	14,374,105	980,990
***1976	7,659,433	40,838,042	2,644,395
1977	4,531,533	27,089,016	1,791,827
1978	4,557,262	31,124,460	2,223,248
1979	4,369,556	35,413,875	2,248,227
1980	2,745,358	23,056,028	1,610,438
TOTALS	42,411,375	182,185,705	12,135,364

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEVADA

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	141	207	133	6,189	28,226	3,098
1954-65	--	--	--	--	--	--
1966	--	--	--	8,814	8,814	881
1967	--	--	--	--	--	--
1968	--	--	--	34	201	50
1969-80	--	--	--	--	--	--
TOTALS	141	207	133	15,037	37,241	4,029

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

REVENUE

YEAR	<----- P H O S P H A T E ----->			<----- P O T A S H ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	370	6,906	1,316	--	--	--
1954-70	--	--	--	--	--	--
1971	--	--	--	25	30,995	930
1972	--	--	--	46	57,593	1,728
1973	--	--	--	62	62,636	1,879
1974	--	--	--	78	97,254	2,918
1975	--	--	--	84	123,300	3,699
***1976	--	--	--	222	376,892	11,307
1977	--	--	--	436	404,496	16,180
1978	--	--	--	1,135	852,545	34,102
1979	--	--	--	897	732,265	29,291
1980	--	--	--	846	815,797	32,632
TOTALS	370	6,906	1,316	3,831	3,553,773	134,666

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEVADA

	<----- S A N D - G R A V E L ----->			<----- S I L I C A P U M I C E ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1962	17,550	13,000	1,300	--	--	--
1963	--	--	--	--	--	--
1964	5,040	5,040	504	--	--	--
1965	790	585	58	--	--	--
1966	1,013	1,167	127	--	--	--
1967	3,585	5,377	358	--	--	--
1968	30,631	34,536	3,093	--	--	--
1969	156,407	214,148	12,312	--	--	--
1970	71,397	83,705	13,075	--	--	--
1971	51,237	84,443	7,624	--	--	--
1972	80,911	93,225	13,623	--	--	--
1973	224,010	224,010	27,408	9,513	13,648	1,365
1974	283,615	329,731	33,033	--	--	--
1975	197,464	209,381	39,648	--	--	--
***1976	224,114	257,243	24,083	--	--	--
1977	146,464	146,464	14,772	--	--	--
1978	351,167	456,566	34,353	--	--	--
1979	1,179,142	1,624,826	148,683	--	--	--
1980	560,067	758,031	87,300	--	--	--
TOTALS	3,584,624	4,541,478	461,354	9,513	13,648	1,365

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEVADA

YEAR	<----- S O D I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FRILE	3,551	56,007	11,001	244,760	243,213	24,779
1954	--	--	--	30,853	35,089	3,509
1955	--	--	--	34,712	39,027	3,903
1956	--	--	--	31,611	36,030	3,603
1957	--	--	--	24,782	28,455	2,846
1958	--	--	--	19,244	19,942	1,994
1959	--	--	--	20,465	20,465	2,046
1960	--	--	--	35,996	35,996	3,600
1961	--	--	--	12,807	12,807	1,281
1962	--	--	--	20,563	20,563	2,056
1963	--	--	--	13,619	14,583	1,458
1964	--	--	--	6,129	9,194	919
1965	--	--	--	6,002	9,003	901
1966	66	34,903	1,047	3,894	5,841	584
1967	157	120,562	3,617	3,811	5,118	512
1968	352	395,547	11,866	2,573	3,859	386
1969	4,262	727,419	22,362	3,125	4,688	469
1970	599	339,047	25,171	4,397	6,595	630
1971	583	715,657	21,470	3,181	4,772	477
1972	861	1,067,779	32,033	2,704	4,056	406
1973	4,508	968,878	29,592	--	--	--
1974	3,207	1,358,313	41,056	6,518	9,092	909
1975	1,352	1,979,150	59,345	29,720	29,944	2,994
**1976	2,050	3,583,628	107,509	27,460	16,490	1,649
1977	3,080	3,019,185	90,576	29,192	48,954	4,895
1978	2,841	2,117,100	63,515	28,867	48,195	4,820
1979	2,404	2,022,373	60,671	27,497	40,585	4,632
1980	2,253	2,185,291	65,559	16,572	29,090	3,969
TOTALS	32,266	21,189,919	646,390	691,254	781,646	80,227

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEVADA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	255,019	334,559	40,327
1954	30,853	35,089	3,509
1955	34,712	39,027	3,903
1956	31,811	36,030	3,603
1957	24,782	28,455	2,846
1958	19,244	19,942	1,994
1959	20,465	20,465	2,046
1960	35,996	35,996	3,600
1961	12,807	12,807	1,281
1962	38,113	33,563	3,356
1963	13,619	14,583	1,458
1964	11,169	14,234	1,423
1965	6,792	9,588	959
1966	13,787	50,725	2,639
1967	7,553	131,057	4,487
1968	33,590	434,143	15,395
1969	163,794	946,255	35,143
1970	76,393	929,347	38,876
1971	55,026	835,867	30,501
1972	84,522	1,222,653	47,790
1973	238,173	1,269,172	60,244
1974	293,418	1,794,390	77,916
1975	228,640	2,340,775	105,686
***1976	253,846	4,234,253	144,548
1977	179,172	3,619,099	126,423
1978	384,010	3,474,486	136,790
1979	1,210,000	4,420,049	243,277
1980	579,738	3,788,209	189,460
TOTALS	4,337,044	30,124,816	1,329,480

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEVADA

YEAR	<----- C O A L ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FISCAL 1974-75	141	207	133	378	6,906	1,316
TOTALS	141	207	133	378	6,906	1,316

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEVADA

	<----- P O T A S H ----->			<----- S A N D - G R A V E L ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1962	--	--	--	17,550	13,000	1,300
1963	--	--	--	--	--	--
1964	--	--	--	5,040	5,040	504
1965	--	--	--	790	585	58
1966-67	--	--	--	--	--	--
1968	--	--	--	22,621	22,821	2,282
1969	--	--	--	40,924	40,924	4,092
1970	--	--	--	46,782	46,782	4,678
1971	25	30,995	930	26,961	48,029	2,696
1972	46	57,593	1,728	56,284	56,284	5,628
1973	62	62,626	1,879	69,407	69,407	6,941
1974	78	97,254	2,918	99,146	99,146	9,915
1975	84	125,300	3,699	66,803	46,030	6,680
***1976	222	376,892	11,307	140,902	140,902	14,090
1977	436	404,496	16,180	144,364	144,364	14,436
1978	1,135	852,545	34,102	317,322	423,221	29,018
1979	897	722,205	29,291	768,266	1,213,950	80,895
1980	846	815,797	32,632	285,736	483,700	32,651
TOTALS	3,631	3,553,773	134,666	2,109,598	2,054,185	215,864

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1974 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1973 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEVADA

	<----- S I L I C A F U M I C E ----->			<----- S O D I U M ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	--	--	--	3,551	56,007	11,001
1954-65	--	--	--	--	--	--
1966	--	--	--	66	34,903	1,047
1967	--	--	--	157	120,562	3,617
1968	--	--	--	352	395,547	11,866
1969	--	--	--	4,262	727,419	22,362
1970	--	--	--	599	839,047	25,171
1971	--	--	--	583	715,657	21,470
1972	--	--	--	861	1,067,779	32,033
1973	9,513	13,648	1,365	4,580	968,878	29,592
1974	--	--	--	3,207	1,358,313	41,056
1975	--	--	--	1,352	1,978,150	59,345
***1976	--	--	--	2,050	3,583,628	107,509
1977	--	--	--	3,080	3,019,185	90,576
1978	--	--	--	2,841	2,117,180	63,515
1979	--	--	--	2,464	2,022,373	60,671
1980	--	--	--	2,253	2,185,291	65,559
TOTALS	9,513	13,648	1,365	32,266	21,189,919	646,390

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEVADA

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FRIDE	244,760	243,213	24,779	248,830	306,333	37,229
1954	30,853	35,009	3,509	30,853	35,089	3,509
1955	34,712	39,027	3,903	34,712	39,027	3,903
1956	31,811	36,030	3,603	31,811	36,030	3,603
1957	24,782	28,455	2,846	24,782	28,455	2,846
1958	19,244	19,942	1,994	19,244	19,942	1,994
1959	20,465	20,465	2,046	20,465	20,465	2,046
1960	35,996	35,996	3,600	35,996	35,996	3,600
1961	12,807	12,807	1,281	12,807	12,807	1,281
1962	20,563	20,563	2,056	20,563	20,563	2,056
1963	13,619	14,583	1,458	13,619	14,583	1,458
1964	6,129	9,194	919	11,169	14,234	1,423
1965	6,002	9,002	901	6,792	9,588	959
1966	3,894	5,841	584	3,960	40,744	1,631
1967	3,811	5,118	512	3,968	125,680	4,129
1968	2,573	2,859	386	25,746	422,227	14,534
1969	3,125	4,608	469	48,311	773,031	26,923
1970	4,397	6,595	630	51,778	892,424	30,479
1971	3,181	4,772	477	30,750	799,453	25,573
1972	2,704	4,056	406	59,895	1,185,712	39,795
1973	--	--	--	83,570	1,114,569	39,777
1974	6,518	9,092	909	108,949	1,563,805	54,798
1975	29,720	29,944	2,994	97,959	2,177,424	72,718
***1976	27,460	16,490	1,649	170,634	4,117,912	134,555
1977	29,192	48,954	4,895	177,072	3,616,999	126,087
1978	28,867	48,195	4,820	350,665	2,441,141	131,455
1979	27,497	40,585	4,632	799,124	4,009,173	175,489
1980	16,572	29,090	3,969	305,407	2,513,878	134,811
TOTALS	691,254	781,646	80,227	2,846,981	28,400,284	1,079,961

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

NEVALA

YEAR	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FISCAL	6,189	22,226	3,098	--	--	--
1954-55	--	--	--	--	--	--
1966	8,814	9,314	881	1,013	1,167	127
1967	--	--	--	3,585	5,377	358
1968	34	201	50	7,810	11,715	811
1969	--	--	--	115,483	173,224	8,220
1970	--	--	--	24,615	36,923	8,397
1971	--	--	--	24,276	36,414	4,928
1972	--	--	--	24,627	36,941	7,995
1973	--	--	--	154,603	154,603	20,467
1974	--	--	--	184,469	230,585	23,118
1975	--	--	--	130,681	163,351	32,968
***1976	--	--	--	83,212	116,341	9,993
1977	--	--	--	2,100	2,100	336
1978	--	--	--	33,345	33,345	5,335
1979	--	--	--	410,876	410,876	67,788
1980	--	--	--	274,331	274,331	54,649
TOTALS	15,037	37,241	4,029	1,475,026	1,687,293	245,490

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 12 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

MEVALA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FY100	6,189	28,226	3,098
1954-55	--	--	--
1966	9,827	9,981	1,008
1967	3,585	5,377	358
1968	7,344	11,916	861
1969	115,483	173,224	8,220
1970	24,615	36,923	8,397
1971	24,276	36,414	4,928
1972	24,627	36,941	7,995
1973	154,603	154,603	20,467
1974	184,469	230,585	23,118
1975	130,681	163,351	32,968
***1976	87,212	116,341	9,993
1977	2,100	2,100	336
1978	33,345	33,345	5,335
1979	410,876	410,876	67,788
1980	274,331	274,331	54,649
TOTALS	1,490,063	1,724,534	249,519

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEW MEXICO

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,847,219	5,320,017	323,337	--	--	--
1954	64,247	356,421	6,374	--	--	--
1955	44,969	244,663	4,847	--	--	--
1956	58,706	333,534	6,813	--	--	--
1957	58,985	332,469	6,250	--	--	--
1958	67,104	512,082	6,696	--	--	--
1959	41,556	297,352	5,221	--	--	--
1960	37,865	247,557	4,841	--	--	--
1961	32,527	229,766	3,800	22	330	33
1962	193,761	721,268	36,141	110,256	165,727	4,187
1963	619,872	1,550,360	98,235	--	--	--
1964	1,720,581	3,764,480	243,569	--	--	--
1965	2,768,344	6,715,578	429,228	--	--	--
1966	2,207,335	5,345,092	337,654	--	--	--
1967	2,416,727	5,926,100	363,545	--	--	--
1968	2,496,262	6,384,137	381,127	--	--	--
1969	2,875,556	7,437,910	443,876	--	--	--
1970	4,607,293	11,285,353	691,284	--	--	--
1971	6,680,749	16,765,746	1,013,986	--	--	--
1972	6,883,962	17,783,544	1,048,030	--	--	--
1973	7,482,339	20,361,063	1,155,490	--	--	--
1974	8,106,832	24,966,249	1,331,277	--	--	--
1975	7,720,364	26,675,086	1,253,235	--	--	--
***1976	12,317,190	45,360,615	2,018,854	--	--	--
1977	9,289,291	50,424,284	1,614,428	--	--	--
1978	10,541,530	87,132,363	2,047,356	--	--	--
1979	14,250,622	141,194,507	2,988,379	--	--	--
1980	16,506,542	172,121,699	9,000,033	--	--	--
TOTALS	121,938,410	660,297,277	26,863,864	110,278	166,057	4,220

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEW MEXICO

YEAR	P O T A S H			S A N D - G R A V E L		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRILE	20,046,593	368,265,266	10,878,922	--	--	--
1954	2,149,401	46,764,251	1,922,097	--	--	--
1955	1,394,958	52,657,228	2,290,444	--	--	--
1956	1,375,477	52,710,344	2,244,895	--	--	--
1957	1,493,013	54,771,731	2,217,567	--	--	--
1958	1,346,831	50,986,430	2,187,797	--	--	--
1959	3,229,246	64,437,754	2,797,152	260,307	260,307	13,935
1960	1,829,613	73,412,698	3,236,161	431,489	431,490	17,811
1961	1,138,367	67,349,161	2,047,315	554,319	854,319	42,240
1962	2,908,687	71,126,523	3,815,746	1,075,970	1,075,970	34,949
1963	1,726,371	53,530,607	3,964,247	203,916	203,916	20,661
1964	6,118,865	1,570,617	4,186,445	667,618	720,825	63,846
1965	1,091,604	100,505,916	4,724,915	544,511	544,515	49,549
1966	4,110,803	100,000,715	4,703,059	668,873	668,873	77,163
1967	4,527,501	7,111,612	4,091,024	910,410	910,410	71,741
1968	3,463,752	63,115,021	2,976,215	1,119,516	1,119,516	233,049
1969	1,561,902	50,739,810	2,237,879	1,153,608	1,153,608	62,912
1970	2,524,744	1,202,446	2,707,517	416,386	416,386	45,085
1971	1,634,211	17,072,016	3,416,293	1,166,093	1,166,093	147,137
1972	3,098,101	6,246,297	2,846,011	3,241,257	3,241,257	228,377
1973	3,117,771	20,715,751	3,049,020	638,232	638,232	68,287
1974	3,360,046	10,010,114	3,676,158	553,598	553,598	59,993
1975	3,039,466	11,461,211	1,136,209	11,897,999	12,897,999	191,468
***1976	4,935,869	1,064,054	1,058,897	636,146	636,146	26,282
1977	3,098,776	1,747,218	5,115,503	220,588	194,427	62,488
1978	3,482,215	107,393,079	6,087,948	246,201	246,201	76,936
1979	3,458,441	1,365,160	7,203,318	336,112	312,611	105,390
1980	1,733,027	247,078,370	10,620,729	313,865	313,866	105,694
TOTALS	113,015,758	2,877,704,224	119,711,173	30,257,016	30,260,765	1,804,593

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEW MEXICO

YEAR	<----- S O D I U M ----->			<----- U R A N I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	226,652	787,926	9,915	35,205	800,358	87,282
1954	39,366	51,545	2,578	53,524	1,745,397	237,489
1955	44,127	131,228	3,626	55,946	2,398,649	356,472
1956	32,520	100,504	3,046	483,808	9,621,163	1,127,511
1957	29,397	85,400	2,749	1,025,574	19,059,162	2,195,362
1958	23,451	33,278	1,639	1,210,173	16,292,465	1,793,408
1959	30,966	44,444	2,186	1,173,527	15,510,445	1,706,303
1960	31,569	44,286	2,185	993,857	13,454,431	1,528,483
1961	22,529	31,276	1,564	1,143,663	15,294,586	1,798,549
1962	28,852	39,351	1,968	959,539	13,892,449	1,599,098
1963	31,814	43,291	2,165	611,967	10,105,541	1,197,620
1964	36,683	42,051	2,153	562,252	9,294,890	1,095,137
1965	44,253	52,794	2,640	503,985	9,501,939	1,141,434
1966	50,400	60,705	3,039	422,795	9,240,865	1,146,307
1967	50,831	45,330	2,266	350,677	7,624,047	928,851
1968	57,308	42,799	2,140	512,283	10,641,360	1,277,190
1969	72,233	57,790	2,809	557,161	12,254,168	1,472,538
1970	91,479	75,397	3,696	620,247	14,067,414	1,698,372
1971	82,521	65,767	3,192	628,123	14,495,434	1,750,420
1972	25,764	20,369	971	634,433	16,148,283	1,937,840
1973	14,572	12,519	609	749,708	17,335,970	2,074,289
1974	48,452	249,094	9,414	1,018,945	16,335,818	1,915,895
1975	32,070	38,945	1,748	865,268	14,611,799	2,399,787
***1976	42,419	38,684	1,934	1,631,941	41,487,350	6,554,967
1977	22,228	24,744	1,211	1,291,962	47,778,891	11,017,596
1978	718,247	576,296	28,788	1,517,892	52,771,802	10,980,989
1979	159,927	2,159,552	107,526	3,018,139	38,526,512	8,608,937
1980	151,327	667,926	31,720	3,062,891	42,701,883	9,812,004
TOTALS	2,241,957	5,624,971	238,757	25,695,485	492,993,079	79,440,130

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

NEW MEXICO

YEAR	<----- OTHER ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	654	1,308	65	22,156,323	375,794,877	11,298,521
1954	1,063	2,126	106	2,307,601	48,919,740	2,168,644
1955	699	1,397	91	2,540,699	55,433,765	2,655,680
1956	350	798	72	2,950,921	62,766,343	3,382,337
1957	200	581	58	3,607,239	74,250,343	4,421,986
1958	345	5,174	518	3,647,904	67,829,429	3,990,058
1959	207	414	41	4,735,809	80,550,716	4,524,838
1960	387	4,895	490	5,324,850	87,596,337	4,789,971
1961	617	1,234	123	5,192,044	83,780,694	4,893,624
1962	21,019	26,877	1,958	5,988,084	97,108,265	5,494,047
1963	43,463	66,576	3,156	5,297,403	95,508,291	5,286,084
1964	42,157	69,480	3,359	7,148,154	102,473,351	5,594,409
1965	64,852	88,491	3,757	8,277,413	117,499,243	6,351,563
1966	58,630	79,592	3,290	7,918,916	115,395,602	6,270,512
1967	52,692	85,876	4,876	8,308,838	102,413,415	5,462,903
1968	46,632	72,395	6,329	9,095,754	83,849,238	4,876,090
1969	13,940	44,608	2,091	8,234,400	71,687,994	4,322,135
1970	11,318	61,791	1,684	9,271,472	87,408,787	5,147,638
1971	12,722	69,971	1,908	12,204,473	109,642,041	6,333,036
1972	20,124	110,687	3,019	13,903,648	103,547,437	6,064,258
1973	21,256	116,908	3,188	12,143,078	109,224,473	6,350,891
1974	21,402	117,711	3,210	13,109,278	132,041,994	6,995,947
1975	19,998	109,989	2,998	24,575,105	175,685,129	8,885,445
***1976	91,375	539,408	12,827	19,654,940	275,557,157	16,874,761
1977	19,925	84,209	6,522	13,942,770	225,994,173	17,887,748
1978	30,536	114,210	11,586	16,536,621	298,233,951	19,233,603
1979	20,466	102,406	12,622	21,243,716	365,948,956	19,026,172
1980	13,847	45,474	4,789	23,781,509	462,929,218	29,574,969
TOTALS	640,858	2,024,586	94,733	293,099,762	4,069,070,959	228,157,870

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEW MEXICO

YEAR	<----- COAL ----->			<----- POTASH ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FISCAL	1,649,637	4,356,202	310,864	20,046,593	368,885,268	10,878,922
1954	30,646	171,616	3,014	2,149,401	46,764,251	1,922,097
1955	34,292	188,608	3,769	2,394,958	52,657,228	2,290,444
1956	37,996	200,960	4,649	2,375,477	52,710,344	2,244,895
1957	42,885	235,869	4,640	2,493,083	54,772,731	2,217,567
1958	45,850	275,101	4,664	2,346,831	50,986,430	2,187,797
1959	28,727	158,000	3,908	3,229,246	64,437,754	2,797,152
1960	20,795	124,772	2,688	3,829,683	73,413,698	3,236,161
1961	16,307	114,147	2,178	3,138,367	67,369,181	3,047,315
1962	180,630	622,347	34,952	3,588,687	81,186,623	3,815,746
1963	158,168	557,476	30,601	3,786,371	83,530,607	3,964,247
1964	106,511	371,373	20,606	4,118,865	88,580,617	4,186,345
1965	314,294	952,311	62,304	4,351,464	100,595,926	4,724,955
1966	137,133	421,991	27,124	4,510,883	100,000,395	4,703,059
1967	26,986	97,135	5,079	4,527,501	87,821,652	4,091,624
1968	140,035	452,322	27,696	3,963,753	63,889,031	2,976,255
1969	254,422	799,136	50,662	3,561,902	50,739,910	2,337,879
1970	7,716	37,708	1,347	3,524,749	61,502,446	2,707,517
1971	199,953	691,904	41,867	3,634,265	77,079,030	3,416,393
1972	206,217	710,619	46,368	3,098,108	66,243,297	2,846,021
1973	259,646	1,050,920	58,398	3,237,771	70,759,781	3,049,020
1974	849,162	3,939,995	191,061	3,360,049	85,819,524	3,676,158
1975	1,078,739	4,927,111	242,716	3,039,406	121,351,311	5,036,209
***1976	1,971,050	9,768,024	443,486	4,935,869	186,994,954	8,259,897
1977	2,335,981	18,331,530	525,596	3,092,776	127,487,618	5,185,503
1978	4,261,690	49,127,228	958,820	3,482,215	157,393,079	6,087,948
1979	5,463,421	74,034,193	1,215,770	3,458,448	183,653,168	7,203,318
1980	6,316,551	81,406,221	6,982,294	3,733,037	247,078,370	10,620,729
TOTALS	26,115,421	254,939,833	11,307,181	113,015,758	2,877,704,224	119,711,173

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

NEW MEXICO

YEAR	<----- S O D I U M ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	226,652	787,926	8,915	21,922,682	374,029,396	11,198,701
1954	39,366	51,545	2,578	2,219,413	46,987,412	1,927,689
1955	44,127	131,828	3,826	2,473,377	52,977,664	2,298,039
1956	32,520	100,504	3,046	2,445,993	53,019,828	2,252,590
1957	29,397	85,400	2,749	2,565,365	55,094,000	2,224,956
1958	23,451	32,278	1,639	2,416,132	51,294,809	2,194,100
1959	30,966	44,444	2,186	3,288,939	64,640,198	2,803,246
1960	31,569	44,266	2,185	3,882,047	73,582,756	3,241,034
1961	22,529	31,276	1,564	3,177,203	67,514,604	3,051,057
1962	28,852	39,351	1,968	3,798,169	81,855,321	3,852,666
1963	31,814	43,291	2,165	3,976,293	84,131,374	3,997,013
1964	36,683	43,051	2,153	4,262,099	88,995,041	4,209,104
1965	44,253	52,794	2,640	4,710,011	101,601,031	4,789,899
1966	50,400	60,785	3,039	4,698,416	100,483,171	4,733,222
1967	50,831	45,330	2,266	4,605,318	87,964,117	4,098,969
1968	57,308	42,799	2,140	4,161,096	64,384,152	3,006,091
1969	72,233	57,790	2,889	3,888,558	51,596,830	2,391,430
1970	91,479	75,397	3,696	3,623,944	61,615,551	2,712,560
1971	82,521	65,767	3,192	3,916,739	77,836,701	3,461,452
1972	25,764	20,369	971	3,330,089	66,974,285	2,893,350
1973	14,572	12,519	609	3,511,989	71,823,220	3,108,027
1974	49,452	249,094	9,414	4,257,663	94,008,613	3,876,633
1975	32,070	38,945	1,748	4,150,215	126,317,367	5,280,673
***1976	42,419	38,684	1,934	6,949,338	196,801,662	8,705,317
1977	22,228	24,744	1,211	5,456,985	145,843,892	5,712,310
1978	718,247	576,296	28,788	8,462,152	207,096,602	7,075,616
1979	159,927	2,159,552	107,526	9,021,796	260,646,913	8,526,614
1980	151,327	667,926	31,720	10,200,915	329,152,517	17,634,743
TOTALS	2,241,957	5,624,971	238,757	141,373,136	3,138,269,028	131,257,111

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

NEW MEXICO

YEAR	<----- U R A N I U M ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	88	692	73	88	692	73
1958-62	--	--	--	--	--	--
1963	3,235	14,036	376	3,235	14,036	376
1964	5,172	19,390	485	5,172	19,390	485
1965	781	3,333	83	781	3,333	83
1966	--	--	--	--	--	--
1967	364	1,790	45	364	1,790	45
1968-80	--	--	--	--	--	--
TOTALS	9,640	39,241	1,062	9,640	39,241	1,062

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

NEW MEXICO

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	197,582	963,815	12,473	--	--	--
1954	33,601	184,805	3,360	--	--	--
1955	10,677	56,055	1,078	--	--	--
1956	20,790	124,554	2,164	--	--	--
1957	16,100	96,600	1,610	--	--	--
1958	21,254	236,981	2,032	--	--	--
1959	12,829	139,352	1,313	--	--	--
1960	17,070	122,765	2,153	--	--	--
1961	16,220	115,621	1,622	22	330	33
1962	13,131	91,921	1,189	110,256	165,727	4,187
1963	461,764	1,000,884	67,634	--	--	--
1964	1,614,030	3,393,107	222,963	--	--	--
1965	2,454,050	5,763,267	366,924	--	--	--
1966	2,070,202	4,923,101	310,530	--	--	--
1967	2,389,741	5,828,965	358,466	--	--	--
1968	2,356,227	5,931,815	353,431	--	--	--
1969	2,621,133	6,638,780	393,164	--	--	--
1970	4,599,577	11,247,645	689,937	--	--	--
1971	6,480,796	16,073,842	972,119	--	--	--
1972	6,677,745	17,072,925	1,001,662	--	--	--
1973	7,222,693	19,310,143	1,097,100	--	--	--
1974	7,257,670	21,026,254	1,140,216	--	--	--
1975	6,641,625	21,747,975	1,010,519	--	--	--
***1976	10,346,140	36,092,591	1,575,368	--	--	--
1977	6,953,310	32,092,754	1,068,832	--	--	--
1978	6,279,840	38,005,135	1,088,476	--	--	--
1979	8,847,201	66,360,314	1,772,609	--	--	--
1980	10,189,991	90,715,476	2,017,739	--	--	--
TOTALS	95,822,989	405,357,444	15,556,683	110,278	166,057	4,220

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

NEW MEXICO

YEAR	<----- S A N D - G R A V E L ----->			<----- U R A N I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOF	--	--	--	35,205	800,358	87,282
1954	--	--	--	53,524	1,745,397	237,489
1955	--	--	--	55,946	2,398,649	356,472
1956	--	--	--	483,808	9,621,163	1,127,511
1957	--	--	--	1,025,486	19,058,470	2,195,289
1958	--	--	--	1,210,173	16,292,465	1,793,408
1959	260,307	260,307	13,935	1,173,527	15,510,445	1,706,303
1960	431,489	431,490	17,811	993,857	13,454,431	1,528,483
1961	854,319	854,319	42,240	1,143,663	15,294,586	1,798,549
1962	1,075,970	1,075,970	34,949	959,539	13,892,449	1,599,098
1963	203,916	203,916	20,661	608,732	10,091,505	1,197,244
1964	667,616	720,825	63,846	557,080	9,275,508	1,094,652
1965	544,515	544,515	49,549	503,204	9,498,606	1,141,351
1966	668,873	668,873	77,163	422,795	9,240,865	1,146,307
1967	910,410	910,410	71,741	350,313	7,622,257	928,806
1968	2,819,516	2,819,516	233,049	512,283	10,641,360	1,277,190
1969	1,153,608	1,153,608	62,912	557,161	12,254,168	1,472,536
1970	416,366	416,366	45,085	620,247	14,067,414	1,698,372
1971	1,166,092	1,166,093	147,137	628,123	14,495,434	1,750,420
1972	3,241,257	3,241,257	223,377	634,433	16,148,283	1,937,840
1973	638,232	638,232	68,287	749,708	17,335,970	2,074,289
1974	553,598	553,598	59,993	1,018,945	16,335,818	1,915,895
1975	12,897,999	12,397,999	191,468	865,268	14,611,799	2,399,787
***1976	636,146	636,146	26,282	1,031,941	41,487,350	6,554,967
1977	220,588	194,427	62,488	1,291,962	47,778,891	11,017,596
1978	246,201	246,201	76,936	1,517,892	52,771,802	10,980,989
1979	336,112	312,811	105,390	3,018,139	38,526,512	8,608,937
1980	313,865	313,866	105,694	3,062,891	42,701,883	9,812,004
TOTALS	30,257,016	30,260,765	1,804,993	25,685,845	492,953,838	79,439,068

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

NEW MEXICO

YEAR	<----- O T H E R ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TUNS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TUNS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	654	1,308	65	233,441	1,765,481	99,820
1954	1,063	2,126	106	88,188	1,932,328	240,955
1955	699	1,397	91	67,322	2,456,101	357,641
1956	330	798	72	504,928	9,746,515	1,129,747
1957	200	581	58	1,041,786	19,155,651	2,196,957
1958	345	5,174	518	1,231,772	16,534,620	1,795,958
1959	207	414	41	1,446,870	15,910,518	1,721,592
1960	387	4,895	490	1,442,803	14,013,581	1,548,937
1961	617	1,234	123	2,014,841	16,266,090	1,842,567
1962	31,019	26,877	1,958	2,189,915	15,252,944	1,641,381
1963	43,463	66,576	3,156	1,317,875	11,362,881	1,288,695
1964	42,157	69,480	3,359	2,880,883	13,458,920	1,384,820
1965	64,852	88,491	3,757	3,566,621	15,894,879	1,561,581
1966	58,630	79,592	3,290	3,220,500	14,912,431	1,537,290
1967	52,692	85,876	4,876	3,703,156	14,447,508	1,363,889
1968	46,632	72,395	6,329	5,734,658	19,465,086	1,869,999
1969	13,940	44,608	2,091	4,345,842	20,091,164	1,930,705
1970	11,318	61,791	1,684	5,647,528	25,793,236	2,435,078
1971	12,722	69,971	1,908	8,287,734	31,805,340	2,871,584
1972	20,124	110,687	3,019	10,573,559	36,573,152	3,170,898
1973	21,256	116,908	3,188	8,631,889	37,401,253	3,242,864
1974	21,402	117,711	3,210	8,851,615	38,033,381	3,119,314
1975	19,998	109,989	2,998	20,424,890	49,367,762	3,604,772
***1976	91,375	539,408	12,827	12,705,602	78,755,495	8,169,444
1977	19,925	84,209	6,522	8,435,785	80,150,281	12,175,438
1978	30,536	114,210	11,586	8,074,469	91,137,348	12,157,987
1979	20,468	102,406	12,622	12,221,920	105,302,043	10,499,558
1980	13,847	45,474	4,789	13,580,594	133,776,701	11,940,226
TOTALS	640,858	2,024,566	94,733	152,516,986	930,762,690	96,899,697

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

N. CAROLINA

ACQUIRED LANDS ONLY

YEAR	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FFICR	2,941	12,176	782	1,564	15,428	1,166
1954	780	2,741	198	258	8,203	691
1955	213	691	42	594	10,130	819
1956	716	1,920	132	342	4,978	430
1957	170	422	36	830	8,346	692
1958	148	560	43	297	2,834	279
1959	74	278	22	4	1,294	129
1960	--	--	--	4	1,455	116
1961	32	121	10	1	100	12
1962	--	--	--	--	145	16
1963	--	--	--	--	--	--
1964	--	--	--	104	608	76
1965-68	--	--	--	--	--	--
1969	--	--	--	21,435	85,740	5,587
1970	--	--	--	14,146	56,586	2,829
1971	--	--	--	15,131	60,526	3,026
1972	--	--	--	9,331	39,258	1,963
1973-74	--	--	--	--	--	--
1975	--	--	--	289	1,156	58
***1976-80	--	--	--	--	--	--
TOTALS	5,074	18,909	1,265	64,330	296,787	17,889

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

N. CAROLINA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	4,505	27,604	1,948
1954	1,038	10,944	889
1955	807	10,821	861
1956	1,058	6,898	562
1957	1,000	8,768	726
1958	445	3,394	322
1959	72	1,572	151
1960	4	1,455	116
1961	33	221	22
1962	0	145	16
1963	--	--	--
1964	104	608	76
1965-68	--	--	--
1969	21,435	85,740	5,587
1970	14,146	56,586	2,829
1971	15,131	60,526	3,026
1972	9,331	39,258	1,963
1973-74	--	--	--
1975	259	1,156	58
1976-80	--	--	--
TOTALS	69,404	315,696	19,154

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

N. DAKOTA

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	13,624,901	21,907,065	905,893	--	--	--
1954	431,386	1,247,529	53,874	--	--	--
1955	401,357	977,172	43,227	--	--	--
1956	404,986	995,708	42,834	--	--	--
1957	418,869	997,005	43,891	--	--	--
1958	329,214	735,618	34,277	9,035	4,518	480
1959	268,654	673,600	28,918	--	--	--
1960	346,618	866,008	32,151	--	--	--
1961	284,911	724,319	28,970	--	--	--
1962	365,175	849,018	32,539	--	--	--
1963	327,409	735,327	28,503	--	--	--
1964	382,221	839,592	39,762	11,174	11,174	577
1965	361,833	764,799	36,567	--	--	--
1966	305,306	535,866	30,877	--	--	--
1967	675,179	1,257,603	81,179	--	--	--
1968	715,715	1,234,115	87,593	--	--	--
1969	1,261,139	2,311,301	166,012	--	--	--
1970	1,082,511	1,815,219	135,997	--	--	--
1971	1,184,556	2,115,491	144,329	--	--	--
1972	1,376,431	2,649,827	191,019	--	--	--
1973	1,535,598	3,095,241	230,340	--	--	--
1974	1,443,655	3,029,594	216,548	--	--	--
1975	381,280	1,046,522	60,013	--	--	--
***1976	909,575	3,788,211	178,949	--	--	--
1977	746,465	3,564,894	157,716	--	--	--
1978	377,044	1,369,288	92,805	--	--	--
1979	1,087,180	25,080,429	720,394	--	--	--
1980	606,046	(7,582,586)	(352,095)	--	--	--
TOTALS	31,754,704	68,273,775	3,492,082	20,209	15,692	1,057

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

N. DAKOTA

YEAR	<----- S A N D - G R A V E L ----->			<----- S O D I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	275,985	149,651	15,570	933	1,573	197
1954	334,575	334,575	17,291	--	--	--
1955	83,046	41,523	5,593	--	--	--
1956	39,742	19,871	2,981	--	--	--
1957	83,748	41,874	4,620	--	--	--
1958	322,452	161,226	15,140	--	--	--
1959	140,135	105,101	9,032	--	--	--
1960	175,396	131,546	8,180	--	--	--
1961	424,301	212,154	12,947	--	--	--
1962	37,074	18,527	2,837	--	--	--
1963	51,594	38,695	3,844	--	--	--
1964	479,287	359,465	23,482	--	--	--
1965	58,243	38,819	5,769	--	--	--
1966	216,298	144,199	19,958	--	--	--
1967	191,228	143,423	15,294	--	--	--
1968	187,299	187,299	17,730	--	--	--
1969	148,050	148,050	13,533	--	--	--
1970	85,299	85,299	7,686	--	--	--
1971	75,575	75,575	6,274	--	--	--
1972	116,836	116,836	13,018	--	--	--
1973	157,057	157,057	20,306	--	--	--
1974	163,108	163,108	19,775	--	--	--
1975	91,964	91,964	10,495	--	--	--
***1976	250,554	501,108	32,793	--	--	--
1977-80	--	--	--	--	--	--
TOTALS	4,188,848	3,466,957	304,148	933	1,573	197

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

N. DAKOTA

YEAR	<----- U R A N I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1957	248	4,212	520	--	--	--
1958-63	--	--	--	--	--	--
1964	--	--	--	4,375	2,187	448
1965	1,107	11,993	1,196	--	--	--
1966	--	--	--	7,656	5,104	630
1967	--	--	--	--	--	--
1968	--	--	--	785	392	78
1969-80	--	--	--	--	--	--
TOTALS	1,355	16,205	1,716	12,816	7,683	1,156

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
 AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

N. DAKOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIDE	13,901,819	22,058,289	921,660
1954	865,961	1,582,104	71,165
1955	484,403	1,018,695	48,820
1956	444,728	1,015,579	45,815
1957	502,865	1,043,091	49,031
1958	660,701	951,362	49,897
1959	408,789	778,701	37,950
1960	521,416	997,556	40,331
1961	709,212	936,473	41,917
1962	402,249	867,555	35,376
1963	379,083	774,022	32,347
1964	877,057	1,212,418	63,269
1965	421,183	815,611	43,532
1966	529,260	785,169	51,465
1967	866,407	1,401,026	96,473
1968	903,799	1,421,806	105,401
1969	1,429,189	2,459,351	179,545
1970	1,167,810	1,900,518	143,683
1971	1,260,141	2,191,066	150,603
1972	1,493,267	2,766,663	204,037
1973	1,692,655	3,252,298	250,646
1974	1,606,763	3,192,702	236,323
1975	473,244	1,138,486	70,508
***1976	1,160,129	4,289,319	211,742
1977	746,465	3,564,894	157,716
1978	377,044	1,869,288	92,805
1979	1,087,180	15,080,429	720,394
1980	606,046	(7,582,586)	(352,095)
TOTALS	35,978,865	71,781,885	3,800,356

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

N. DAKOTA

YEAR	<----- C O A L ----->			<----- S O D I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FRICE	13,622,135	21,898,696	905,392	933	1,573	197
1954	531,306	1,247,289	53,854	--	--	--
1955	401,274	976,927	43,208	--	--	--
1956	404,986	995,708	42,834	--	--	--
1957	418,869	997,009	43,891	--	--	--
1958	329,172	785,513	34,273	--	--	--
1959	268,633	673,537	28,917	--	--	--
1960	346,018	866,006	32,151	--	--	--
1961	284,806	724,238	28,969	--	--	--
1962	265,155	848,953	32,538	--	--	--
1963	327,489	735,327	28,503	--	--	--
1964	382,221	839,592	38,762	--	--	--
1965	361,833	764,799	36,567	--	--	--
1966	305,306	635,866	30,877	--	--	--
1967	675,179	1,257,603	81,179	--	--	--
1968	715,715	1,234,115	87,593	--	--	--
1969	1,281,139	2,311,301	166,012	--	--	--
1970	1,082,511	1,815,219	135,997	--	--	--
1971	1,104,566	2,115,491	144,329	--	--	--
1972	1,376,431	2,649,827	191,019	--	--	--
1973	1,535,598	3,095,241	230,340	--	--	--
1974	1,443,655	3,029,594	216,548	--	--	--
1975	281,280	1,046,522	60,013	--	--	--
***1976	909,575	3,783,211	178,949	--	--	--
1977	746,465	3,564,894	157,716	--	--	--
1978	377,044	1,369,288	92,805	--	--	--
1979	1,087,180	19,030,429	720,394	--	--	--
1980 *	606,046	(7,582,586)	(352,095)	--	--	--
TOTALS	31,751,667	68,264,607	3,491,535	933	1,573	197

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

* 1980 CREDIT FIGURES DUE TO PRIOR YEAR ADJUSTMENTS

MINING OPERATIONS

PUBLIC LANDS

N.DAKOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	13,623,068	21,900,269	905,589
1954	531,306	1,247,289	53,854
1955	401,274	976,927	43,208
1956	404,986	995,708	42,634
1957	418,869	997,005	43,891
1958	329,172	785,513	34,273
1959	268,633	673,537	28,917
1960	346,018	866,008	32,151
1961	284,886	724,238	28,969
1962	365,155	848,953	32,538
1963	327,489	735,327	28,503
1964	382,221	839,592	38,762
1965	361,833	764,799	26,567
1966	305,306	635,866	30,877
1967	675,179	1,257,603	81,179
1968	715,715	1,234,115	87,593
1969	1,281,139	2,311,301	166,012
1970	1,082,511	1,815,219	135,997
1971	1,184,566	2,115,491	144,329
1972	1,376,431	2,649,827	191,019
1973	1,535,598	3,095,241	230,340
1974	1,443,655	3,029,594	216,548
1975	381,280	1,046,522	60,013
***1976	909,575	3,788,211	178,949
1977	746,465	3,564,894	157,716
1978	377,044	1,869,288	92,805
1979	1,087,180	15,080,429	720,394
1980	606,046	(7,582,586)	(352,095)
TOTALS	31,752,600	68,266,180	3,491,732

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

N. DAKOTA

YEAR	<----- C O A L ----->			<----- U R A N I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	8	20	--	--	--	--
1956	--	--	--	--	--	--
1957	--	--	--	248	4,212	520
1958	42	105	4	--	--	--
1959	21	63	1	--	--	--
1960	--	--	--	--	--	--
1961	25	81	1	--	--	--
1962	20	65	1	--	--	--
1963-64	--	--	--	--	--	--
1965	--	--	--	1,107	11,993	1,196
1966-80	--	--	--	--	--	--
TOTALS	116	334	7	1,355	16,205	1,716

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

N. DAKOTA

< TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	8	20	0
1956	--	--	--
1957	248	4,212	520
1958	42	105	4
1959	21	63	1
1960	--	--	--
1961	25	81	1
1962	20	65	1
1963-64	--	--	--
1965	1,107	11,993	1,196
1966-80	--	--	--
TOTALS	1,471	16,539	1,723

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

N. DAKOTA

<----- C O A L ----->				<----- L I M E S T O N E ----->			
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	ROYALTY VALUE(\$)
PRELOR	2,766	8,369	501	--	--	--	--
1954	80	240	20	--	--	--	--
1955	75	225	19	--	--	--	--
1956-57	--	--	--	--	--	--	--
1958	--	--	--	9,035	4,516	480	--
1959-63	--	--	--	--	--	--	--
1964	--	--	--	11,174	11,174	577	--
1965-80	--	--	--	--	--	--	--
TOTALS	2,921	8,834	540	20,209	15,692	1,057	--

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

N. DAKOTA

	<----- S A N D - C R A V E L ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICP	275,985	149,651	15,570	--	--	--
1954	334,575	334,575	17,291	--	--	--
1955	83,046	41,523	5,593	--	--	--
1956	39,742	19,871	2,981	--	--	--
1957	83,748	41,874	4,620	--	--	--
1958	322,452	161,226	15,140	--	--	--
1959	140,135	105,101	9,032	--	--	--
1960	175,396	131,548	8,180	--	--	--
1961	424,301	212,154	12,947	--	--	--
1962	37,074	18,537	2,837	--	--	--
1963	51,594	38,695	3,844	--	--	--
1964	479,287	359,465	23,482	4,375	2,187	448
1965	58,243	38,819	5,769	--	--	--
1966	216,298	144,199	19,958	7,656	5,104	630
1967	191,228	143,423	15,294	--	--	--
1968	187,299	137,299	17,730	785	392	78
1969	148,050	148,050	13,533	--	--	--
1970	85,299	85,299	7,686	--	--	--
1971	75,575	75,575	6,274	--	--	--
1972	116,836	116,836	13,018	--	--	--
1973	157,057	157,057	20,306	--	--	--
1974	163,108	163,108	19,775	--	--	--
1975	91,964	91,964	10,495	--	--	--
***1976	250,554	501,108	32,793	--	--	--
1977-80	--	--	--	--	--	--
TOTALS	4,188,848	3,466,957	304,148	12,816	7,683	1,156

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

N. DAKOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PREIOR	278,751	158,020	16,071
1954	334,655	334,815	17,311
1955	83,121	41,748	5,612
1956	39,742	19,871	2,981
1957	83,748	41,874	4,620
1958	331,487	165,744	15,620
1959	140,135	105,101	9,032
1960	175,398	131,548	8,180
1961	424,301	212,154	12,947
1962	37,074	18,537	2,837
1963	51,594	38,695	3,844
1964	494,836	372,626	24,507
1965	58,243	38,819	5,769
1966	223,954	149,303	20,588
1967	191,228	143,423	15,294
1968	188,084	187,691	17,808
1969	148,050	148,050	13,533
1970	85,299	85,299	7,686
1971	75,575	75,575	6,274
1972	116,836	116,836	13,018
1973	157,057	157,057	20,306
1974	163,108	163,108	19,775
1975	91,964	91,964	10,495
***1976	250,554	501,108	32,793
1977-80	--	--	--
TOTALS	4,224,794	3,499,166	306,901

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUCSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

OHIO

<----- C O A L ----->				<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	290,732	1,185,563	60,698	290,732	1,185,563	60,698
1954	85,500	394,766	12,022	85,500	394,766	12,022
1955	92,974	414,436	13,355	92,974	414,436	13,355
1956	4,368	13,856	655	4,368	13,856	655
1957-58	--	--	--	--	--	--
1959	8,094	27,263	1,213	8,094	27,263	1,213
1960	847	2,794	127	847	2,794	127
1961-70	--	--	--	--	--	--
1971	6,946	27,787	1,389	6,946	27,787	1,389
1972-80	--	--	--	--	--	--
TOTALS	489,461	2,066,465	89,459	489,461	2,066,465	89,459

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

OKLAHOMA

YEAR	<----- C O A L ----->			<----- L E A D ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	10,232,781	41,340,197	1,193,368	3,659,442	217,208,991	18,928,963
1954	378,397	2,302,027	55,273	15,394	1,595,697	135,493
1955	399,806	2,202,863	61,293	35,536	4,037,633	322,889
1956	475,786	2,504,391	66,190	36,463	4,326,097	335,223
1957	420,139	2,427,248	63,580	27,944	3,532,202	282,095
1958	467,010	2,979,569	67,873	12,852	1,334,832	115,760
1959	302,542	2,073,064	45,924	2,430	190,731	12,425
1960	268,096	1,905,164	42,187	3,989	300,270	7,617
1961	293,197	2,178,723	44,065	6,482	426,240	10,933
1962	248,504	1,958,964	37,474	8,482	665,205	24,791
1963	113,135	915,465	17,235	226,348	1,114,655	54,661
1964	141,868	1,169,129	21,542	239,781	1,329,416	60,095
1965	156,852	1,293,112	23,695	353,127	1,703,528	73,374
1966	117,835	971,262	17,855	371,591	1,644,419	85,641
1967	144,480	1,192,014	21,712	345,323	1,737,288	84,194
1968	141,850	1,169,846	21,277	249,831	1,363,046	62,194
1969	164,735	1,314,623	34,697	116,138	677,239	37,097
1970	295,803	2,404,036	54,053	85,532	599,500	12,281
1971	386,217	4,175,595	71,560	--	--	--
1972	408,985	4,899,432	80,993	--	--	--
1973	336,732	3,727,683	84,489	--	--	--
1974	176,493	2,369,059	28,148	--	--	--
1975	353,000	7,170,790	51,394	--	--	--
***1976	377,387	16,045,848	61,320	--	--	--
1977	228,582	10,365,199	105,645	--	--	--
1978	298,712	8,965,546	621,628	--	--	--
1979	327,306	11,973,725	788,141	--	--	--
1980	264,438	11,936,936	825,670	--	--	--
TOTALS	17,919,546	154,514,510	4,608,281	5,796,685	243,786,989	20,645,726

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
 AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

OKLAHOMA

<----- L I M E S T O N E ----->

<----- S A N D - G R A V E L ----->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,698	4,451	199	--	--	--
1954-55	--	--	--	--	--	--
1956	20,624	15,468	1,368	--	--	--
1957	118,209	118,209	8,275	66,125	44,900	5,079
1958	--	--	--	12,151	8,000	729
1959	--	--	--	278,130	96,465	10,977
1960	131,078	172,337	6,715	215,708	89,152	4,976
1961	82,739	121,670	4,137	272,970	121,789	9,998
1962	--	--	--	213,203	91,471	7,345
1963	742	743	37	251,625	103,230	8,484
1964	30,160	35,671	2,001	266,873	83,064	8,797
1965	124,798	231,630	8,679	321,353	85,207	9,999
1966	49,151	68,064	3,857	699,293	260,464	27,563
1967	33,900	44,122	2,712	390,061	161,293	17,189
1968	70,157	93,272	5,613	530,586	251,697	20,688
1969	58,060	82,284	4,645	397,638	168,444	16,557
1970	23,957	36,944	1,782	284,770	115,470	12,102
1971	40,860	61,290	1,363	5,096	27,418	650
1972	--	--	--	--	--	--
1973	14,093	21,129	554	--	--	--
1974	10,701	16,051	357	--	--	--
1975	17,915	26,873	597	--	--	--
***1976	1,060	1,589	35	--	--	--
1977-78	--	--	--	--	--	--
1979	--	--	7	--	--	--
1980	--	--	--	--	--	--
TOTALS	831,702	1,151,827	52,933	4,205,582	1,708,064	161,133

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

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MINING OPERATIONS

ALL LANDS

OKLAHOMA

YEAR	<----- U R A N I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2	6,411	386	--	--	--
1954	1	1,242	82	--	--	--
1955	--	636	30	--	--	--
1956	--	307	15	--	--	--
1957	--	--	--	--	--	--
1958	--	--	--	5,485	13,713	69
1959	--	--	--	3,200	8,000	40
1960	--	--	--	120,421	301,052	1,505
1961-64	--	--	--	--	--	--
1965	--	--	--	221,933	1,016,621	3,194
1966	--	--	--	291,061	1,483,330	4,014
1967	--	--	--	437,942	2,221,171	5,907
1968	--	--	--	431,673	2,190,270	5,835
1969	--	--	--	498,100	2,542,740	6,967
1970	--	--	--	453,990	2,295,929	6,150
1971	--	--	--	712,642	2,612,261	15,987
1972	--	--	--	391,523	2,008,930	5,514
1973	--	--	--	967,657	4,062,591	22,837
1974	--	--	--	888,904	3,260,711	24,085
1975	--	--	--	801,451	2,699,671	22,780
***1976	--	--	--	445,534	1,411,123	13,342
1977	--	--	--	384,352	1,152,315	26,403
1978	--	--	--	621,344	910,978	59,514
1979	--	--	--	571,200	910,273	50,885
1980	--	--	--	149,389	41,340	26,198
TOTALS	4	8,596	513	8,397,801	31,143,019	301,226

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

ALL LANDS

OKLAHOMA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	13,894,924	259,060,050	20,122,916
1954	393,792	3,898,966	190,848
1955	435,342	6,241,132	384,212
1956	530,873	6,926,263	402,796
1957	632,417	6,122,559	359,029
1958	498,368	4,336,114	184,431
1959	586,302	2,368,260	69,366
1960	740,092	2,767,975	63,000
1961	655,388	2,048,422	69,133
1962	470,189	2,715,640	69,610
1963	591,850	2,134,093	80,417
1964	678,682	2,617,280	92,435
1965	1,178,063	4,330,098	118,941
1966	1,528,931	4,427,559	138,930
1967	1,351,714	5,355,888	131,714
1968	1,424,097	5,068,131	115,607
1969	1,234,671	4,785,330	99,963
1970	1,144,052	5,451,879	86,368
1971	1,144,815	6,879,564	89,560
1972	800,508	6,908,362	86,507
1973	1,318,482	7,811,413	107,880
1974	1,076,098	5,645,821	52,590
1975	1,172,366	9,897,334	74,771
***1976	823,981	17,458,560	74,697
1977	612,934	11,517,514	132,048
1978	920,056	9,876,524	681,142
1979	898,506	12,883,998	839,033
1980	413,827	11,978,276	851,868
TOTALS	37,151,320	432,313,005	25,769,812

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

OKLAHOMA

YEAR	<----- C O A L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	1,245,271	7,400,250	197,512	--	--	--
1954	302,872	1,847,500	47,048	--	--	--
1955	311,517	1,670,130	52,464	--	--	--
1956	429,087	2,310,196	61,720	--	--	--
1957	420,139	2,427,248	63,580	--	--	--
1958	422,307	2,712,874	65,056	5,485	13,713	69
1959	295,980	2,033,655	44,612	3,200	8,000	40
1960	234,066	1,067,682	35,305	120,421	301,052	1,505
1961	293,197	2,178,723	44,065	--	--	--
1962	248,504	1,252,964	37,474	--	--	--
1963	113,135	919,405	17,235	--	--	--
1964	141,868	1,169,129	21,542	--	--	--
1965	156,812	1,293,112	23,695	221,141	982,232	2,764
1966	117,835	971,262	17,955	290,371	1,451,856	3,630
1967	144,488	1,192,014	21,712	437,145	2,185,727	5,464
1968	141,650	1,169,846	21,277	430,864	2,154,318	5,386
1969	164,735	1,314,623	34,697	496,735	2,483,676	6,209
1970	295,803	2,404,036	54,053	452,115	2,255,576	5,664
1971	386,217	4,178,595	71,560	495,772	2,478,862	6,197
1972	408,915	4,029,432	80,993	390,383	1,951,915	4,880
1973	336,732	3,727,683	34,489	785,477	3,927,384	9,818
1974	176,493	2,369,059	28,148	626,853	3,134,264	7,836
1975	271,055	6,646,341	43,193	506,827	2,534,136	5,857
***1976	377,387	16,045,848	61,320	255,487	1,277,438	3,194
1977	228,582	10,365,199	105,645	163,084	815,420	2,039
1978	298,712	8,965,546	621,628	107,949	539,744	1,349
1979	310,772	11,576,910	775,244	119,470	597,352	1,493
1980	258,818	11,802,017	821,286	--	--	--
TOTALS	5,543,860	117,292,419	3,554,414	5,909,779	25,092,665	73,394

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

OKLAHOMA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	1,245,871	7,460,250	197,512
1954	302,873	1,847,500	47,048
1955	311,517	1,673,130	52,464
1956	429,087	2,316,196	61,720
1957	420,139	2,427,248	63,580
1958	437,792	2,726,587	65,125
1959	299,180	2,041,695	44,652
1960	354,487	1,968,734	36,810
1961	293,197	2,178,723	44,065
1962	248,504	1,958,964	37,474
1963	113,135	915,465	17,235
1964	141,868	1,169,129	21,542
1965	377,993	2,275,344	26,459
1966	408,206	2,423,118	21,485
1967	581,633	3,377,741	27,176
1968	572,714	3,324,164	26,663
1969	661,470	3,798,299	40,906
1970	748,918	4,659,612	59,717
1971	881,989	6,657,457	77,757
1972	799,368	6,851,347	85,873
1973	1,122,209	7,655,067	94,307
1974	803,346	5,503,323	35,984
1975	777,882	9,180,477	49,056
***1976	632,874	17,323,286	64,514
1977	391,666	11,180,619	107,684
1978	406,661	9,505,290	622,977
1979	430,242	12,174,262	776,737
1980	258,818	11,602,057	821,286
TOTALS	14,453,639	146,375,084	3,627,608

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
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MINING OPERATIONS

INDIAN LANDS

OKLAHOMA

YEAR	<----- C O A L ----->			<----- L E A D ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	6,986,910	34,379,947	995,856	3,659,442	217,208,991	18,928,963
1954	75,524	454,527	8,225	15,394	1,595,697	135,493
1955	88,289	529,733	8,829	35,536	4,037,633	322,889
1956	44,699	268,195	4,470	36,463	4,326,097	335,223
1957	--	--	--	27,944	3,532,202	282,095
1958	35,573	266,695	2,817	12,852	1,334,832	115,760
1959	6,562	39,369	1,312	2,430	190,731	12,425
1960	34,030	237,482	6,882	3,989	300,270	7,617
1961	--	--	--	6,482	426,240	10,933
1962	--	--	--	8,482	665,205	24,791
1963	--	--	--	226,348	1,114,655	54,661
1964	--	--	--	239,781	1,329,416	60,095
1965	--	--	--	353,127	1,703,528	73,374
1966	--	--	--	371,591	1,644,419	85,641
1967	--	--	--	345,323	1,737,288	84,194
1968	--	--	--	249,831	1,363,046	62,194
1969	--	--	--	116,138	677,239	37,097
1970	--	--	--	85,532	599,500	12,281
1971-74	--	--	--	--	--	--
1975	81,945	524,449	8,195	--	--	--
***1976-78	--	--	--	--	--	--
1979	16,534	396,815	12,897	--	--	--
1980	5,620	134,879	4,384	--	--	--
TOTALS	9,375,686	37,232,091	1,053,867	5,796,685	243,786,989	20,645,726

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUSSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

OKLAHOMA

YEAR	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	2,698	4,451	199	--	--	--
1954-55	--	--	--	--	--	--
1956	20,624	15,468	1,368	--	--	--
1957	118,209	118,209	8,275	66,125	44,900	5,079
1958	--	--	--	12,151	8,000	720
1959	--	--	--	278,130	96,465	10,977
1960	131,878	172,337	6,715	215,708	89,152	4,976
1961	62,739	121,670	4,137	272,970	121,789	9,998
1962	--	--	--	213,203	91,471	7,345
1963	742	743	37	251,625	103,230	8,484
1964	30,160	35,671	2,001	266,873	83,064	8,797
1965	124,798	231,630	8,679	321,353	85,207	9,999
1966	49,151	68,084	3,857	699,293	260,464	27,563
1967	33,900	44,122	2,712	390,061	161,293	17,189
1968	70,157	93,272	5,613	530,586	251,697	20,688
1969	58,060	82,284	4,645	397,638	168,444	16,557
1970	23,957	36,944	1,762	284,770	115,470	12,102
1971	40,860	61,290	1,363	5,096	27,418	650
1972	--	--	--	--	--	--
1973	14,093	21,139	554	--	--	--
1974	10,701	16,051	357	--	--	--
1975	17,915	26,873	597	--	--	--
***1976	1,060	1,589	35	--	--	--
1977-79	--	--	--	--	--	--
1979	--	--	7	--	--	--
1980	--	--	--	--	--	--
TOTALS	831,702	1,151,827	52,933	4,205,582	1,708,064	161,133

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

OKLAHOMA

YEAR	<----- U R A N I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	3	6,411	386	--	--	--
1954	1	1,242	82	--	--	--
1955	--	636	30	--	--	--
1956	--	307	15	--	--	--
1957-64	--	--	--	--	--	--
1965	--	--	--	792	34,389	430
1966	--	--	--	690	31,474	384
1967	--	--	--	797	35,444	443
1968	--	--	--	809	35,952	449
1969	--	--	--	1,365	59,064	758
1970	--	--	--	875	40,353	486
1971	--	--	--	216,870	133,399	9,790
1972	--	--	--	1,140	57,015	634
1973	--	--	--	182,180	135,207	13,019
1974	--	--	--	262,051	126,447	16,249
1975	--	--	--	294,624	165,535	16,923
***1976	--	--	--	190,047	133,685	10,148
1977	--	--	--	221,263	336,895	24,364
1978	--	--	--	513,395	371,234	58,165
1979	--	--	--	451,730	312,921	49,392
1980	--	--	--	149,389	41,340	26,198
TOTALS	4	8,596	513	2,488,022	2,050,354	227,832

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

OKLAHOMA

< TOTAL ALL PRODUCTS >

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	12,649,053	251,599,800	19,925,404
1954	90,919	2,051,466	143,800
1955	123,825	4,568,002	331,748
1956	101,786	4,610,067	341,076
1957	212,278	3,695,311	295,449
1958	60,576	1,609,527	119,306
1959	287,122	326,565	24,714
1960	385,605	799,241	26,190
1961	362,191	669,699	25,068
1962	221,685	756,676	32,136
1963	478,715	1,218,628	63,182
1964	536,814	1,448,151	70,893
1965	800,070	2,054,754	92,482
1966	1,120,725	2,004,441	117,445
1967	770,081	1,978,147	104,538
1968	851,383	1,743,967	88,944
1969	573,201	987,031	59,057
1970	395,134	792,267	26,651
1971	262,826	222,107	11,803
1972	1,140	57,015	634
1973	196,273	156,346	13,573
1974	272,752	142,498	16,606
1975	394,484	716,857	25,715
***1976	191,107	135,274	10,183
1977	221,268	336,895	24,364
1978	513,395	371,234	58,165
1979	468,264	709,736	62,296
1980	155,009	176,219	30,582
TOTALS	22,697,681	285,937,921	22,142,004

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

PUBLIC LANDS ONLY

OREGON

YEAR	<----- C O A L ----->			<----- S O D I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	12,925	20,116	22,826	2	40	5
1954	664	3,322	166	--	--	--
1955	201	1,005	50	--	--	--
1956	514	2,570	129	--	--	--
1957	311	1,752	77	--	--	--
1958	160	7,750	24	--	--	--
1959	247	11,128	37	--	--	--
1960	130	8,237	19	--	--	--
1961	109	6,480	17	--	--	--
1962	252	16,776	38	--	--	--
1963	359	19,269	54	--	--	--
1964	360	19,248	54	--	--	--
1965	429	15,931	64	--	--	--
1966	493	17,164	74	--	--	--
1967	371	11,110	56	--	--	--
1968	406	19,367	61	--	--	--
1969	202	12,253	30	--	--	--
1970	351	21,508	53	--	--	--
1971	416	25,733	62	--	--	--
1972	238	15,340	36	--	--	--
1973	80	5,808	12	--	--	--
1974	158	13,022	24	--	--	--
1975	212	15,061	32	--	--	--
***1976	353	26,909	53	--	--	--
1977	594	50,071	89	--	--	--
1978	68	7,154	10	--	--	--
1979-80	--	--	--	--	--	--
TOTALS	20,603	374,084	24,147	2	40	5

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

PUBLIC LANDS ONLY

OREGON

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	12,927	20,156	22,831
1954	664	3,322	166
1955	201	1,005	50
1956	514	2,570	129
1957	311	1,752	77
1958	160	7,750	24
1959	247	11,128	37
1960	130	8,237	19
1961	109	6,480	17
1962	252	16,776	38
1963	359	19,269	54
1964	360	19,248	54
1965	429	15,931	64
1966	493	17,164	74
1967	371	11,110	56
1968	406	19,367	61
1969	202	12,253	30
1970	351	21,508	53
1971	416	25,733	62
1972	238	15,340	36
1973	80	5,808	12
1974	158	13,022	24
1975	212	15,061	32
***1976	353	26,909	53
1977	594	50,071	89
1978	68	7,154	10
1979-80	--	--	--
TOTALS	20,605	374,124	24,152

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

CAROLINA

ALL LANDS ACQUIRED LANDS ONLY

YEAR	<----- SAND - GRAVEL ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	38,956	38,956	1,948	38,956	38,956	1,948
1962	79,585	79,586	3,979	79,585	79,586	3,979
1963-80	--	--	--	--	--	--
TOTALS	118,541	118,542	5,927	118,541	118,542	5,927

W*DU* TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
S*E*QU*E*N*T*Y, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

S. DAKOTA

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICK	41,423	69,351	7,118	--	--	--
1954	12	30	1	--	--	--
1955-56	--	--	--	--	--	--
1957	--	--	--	140,482	68,455	4,683
1958	--	--	--	14,599	7,300	487
1959-60	--	--	--	--	--	--
1961	--	--	--	42,591	21,296	1,421
1962	--	--	--	--	--	--
1963	9,076	36,305	1,815	--	--	--
1964	6,180	32,900	1,236	66	44	5
1965	620	3,097	124	585	390	19
1966-60	--	--	--	--	--	--
TOTALS	57,311	141,503	10,294	198,323	97,485	6,615

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1970 DATA CONSISTS OF
 AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

S.DAKOTA

YEAR	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FRICE	259,526	201,375	9,682	--	--	--
1954	--	--	--	--	--	--
1955	633,591	316,795	23,565	5,101	1,275	153
1956	568,144	294,072	23,954	8,736	4,368	311
1957	746,324	373,162	19,423	--	--	--
1958	305,637	152,819	13,311	--	--	--
1959	269,669	202,251	9,968	139,531	69,765	339
1960	119,201	89,401	6,969	--	--	--
1961	564,221	272,108	22,097	--	--	--
1962	205,280	102,640	8,055	--	--	--
1963	417,725	313,294	25,042	--	--	--
1964	304,059	228,044	21,961	48,030	24,015	1,958
1965	362,357	241,584	19,610	--	--	--
1966	134,223	89,489	11,802	--	--	--
1967	222,656	164,993	15,096	--	--	--
1968	226,164	226,164	20,531	--	--	--
1969	136,179	136,179	12,108	--	--	--
1970	149,427	149,427	14,754	--	--	--
1971	652,415	652,415	59,394	20,574	10,287	549
1972	244,343	244,343	33,203	93,086	46,543	1,546
1973	237,284	237,284	23,974	--	--	--
1974	394,849	394,849	18,445	20,574	10,287	549
1975	67,367	67,367	8,365	--	--	--
***1976	273,272	546,544	41,280	--	--	--
1977-80	--	--	--	--	--	--
TOTALS	7,493,913	5,686,599	462,589	335,632	166,540	5,405

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

S.DAKOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	300,949	270,726	16,800
1954	12	30	1
1955	638,692	318,070	23,718
1956	576,880	288,440	24,265
1957	886,806	441,617	24,106
1958	320,236	160,119	13,798
1959	409,200	272,016	10,307
1960	119,201	89,401	6,969
1961	606,812	293,404	23,518
1962	205,280	102,640	8,055
1963	426,801	349,599	26,857
1964	358,335	285,003	25,160
1965	363,562	245,071	19,753
1966	134,223	89,489	11,802
1967	222,656	164,993	15,096
1968	226,164	226,164	20,531
1969	136,179	136,179	12,108
1970	149,427	149,427	14,754
1971	672,989	662,702	59,943
1972	337,429	290,886	34,749
1973	237,284	237,284	23,974
1974	415,423	405,136	18,994
1975	67,367	67,367	8,365
***1976	273,272	546,544	41,280
1977-80	--	--	--
TOTALS	8,085,179	6,092,307	484,903

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

S.DAKOTA

YEAR	<----- C O A L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	41,423	69,351	7,118	41,423	69,351	7,118
1954	12	30	1	12	30	1
1955-80	--	--	--	--	--	--
TOTALS	41,435	69,381	7,119	41,435	69,381	7,119

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

S.DAKOTA

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	--	--	--	140,482	68,455	4,683
1958	--	--	--	14,599	7,300	487
1959-60	--	--	--	--	--	--
1961	--	--	--	42,591	21,296	1,421
1962	--	--	--	--	--	--
1963	9,076	36,305	1,815	--	--	--
1964	6,180	32,900	1,236	66	44	5
1965	620	3,097	124	585	390	19
1966-80	--	--	--	--	--	--
TOTALS	15,876	72,302	3,175	198,323	97,485	6,615

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

S. CAROLINA

	<----- S A N D - G R A V E L ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PFICR	259,526	201,375	9,682	--	--	--
1954	--	--	--	--	--	--
1955	633,591	316,795	23,565	5,101	1,275	153
1956	568,144	294,072	23,954	8,736	4,368	311
1957	746,324	373,162	19,423	--	--	--
1958	305,637	152,819	13,311	--	--	--
1959	269,669	202,251	9,968	139,531	69,765	339
1960	119,201	89,401	6,969	--	--	--
1961	564,221	272,108	22,097	--	--	--
1962	205,280	102,640	8,055	--	--	--
1963	417,725	313,294	25,042	--	--	--
1964	304,059	228,044	21,961	48,030	24,015	1,958
1965	362,357	241,584	19,610	--	--	--
1966	134,223	89,489	11,802	--	--	--
1967	222,656	164,993	15,096	--	--	--
1968	226,164	226,164	20,531	--	--	--
1969	136,179	136,179	12,108	--	--	--
1970	149,427	149,427	14,754	--	--	--
1971	652,415	652,415	59,394	20,574	10,287	549
1972	244,343	244,343	33,203	93,086	46,543	1,546
1973	237,284	237,284	23,974	--	--	--
1974	394,849	394,849	18,445	20,574	10,287	549
1975	67,367	67,367	8,365	--	--	--
***1976	273,272	546,544	41,280	--	--	--
1977-80	--	--	--	--	--	--
TOTALS	7,493,913	5,686,599	462,589	335,632	166,540	5,405

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

S.DAKOTA

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FRICK	259,526	201,375	9,682
1954	--	--	--
1955	638,692	318,070	23,718
1956	576,880	288,440	24,265
1957	886,806	441,617	24,106
1958	320,236	160,119	13,798
1959	409,200	272,016	10,307
1960	119,201	89,401	6,969
1961	606,812	293,404	23,518
1962	205,280	102,640	8,055
1963	426,801	349,599	26,857
1964	358,335	285,003	25,160
1965	363,562	245,071	19,753
1966	134,223	89,489	11,802
1967	222,656	164,993	15,096
1968	226,164	226,164	20,531
1969	136,179	136,179	12,108
1970	149,427	149,427	14,754
1971	672,989	662,702	59,943
1972	337,429	290,886	34,749
1973	237,284	237,284	23,974
1974	415,423	405,136	18,994
1975	67,367	67,367	8,365
***1976	273,272	546,544	41,280
1977-00	--	--	--
TOTALS	8,043,744	6,022,926	477,784

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

TENNESSEE

ACQUIRED LANDS ONLY

YEAR	<----- O T H E R ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	186	15,687	941	186	15,687	941
1957	146	13,331	667	146	13,331	667
1958	174	15,081	755	174	15,081	755
1959	183	14,505	725	183	14,505	725
1960	285	22,736	1,364	285	22,736	1,364
1961-80	--	--	--	--	--	--
TOTALS	974	81,340	4,452	974	81,340	4,452

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1970 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

UTAH

YEAR	COAL			L I M E S T O N E		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FRICK	49,788,518	133,713,200	5,654,645	--	--	--
1954	2,783,496	13,854,170	345,090	--	--	--
1955	2,736,825	13,752,640	345,173	--	--	--
1956	2,175,133	14,789,930	357,341	--	--	--
1957	2,667,065	16,411,669	385,764	--	--	--
1958	2,657,411	14,233,240	334,615	--	--	--
1959	2,300,391	12,760,533	305,821	--	--	--
1960	2,110,955	12,278,621	295,140	--	--	--
1961	2,331,443	12,392,659	306,840	--	--	--
1962	2,444,187	12,955,740	333,574	--	--	--
1963	1,813,110	9,746,245	262,503	4,209	4,209	631
1964	1,997,299	10,067,839	266,341	--	--	--
1965	1,829,343	9,011,685	271,375	--	--	--
1966	1,908,071	8,619,516	257,530	--	--	--
1967	1,723,066	8,726,354	255,396	--	--	--
1968	1,703,233	8,578,206	250,156	9,543	45,236	2,262
1969	1,814,455	9,299,997	279,073	14,445	61,994	3,100
1970	2,109,174	9,834,393	299,547	--	--	--
1971	2,116,190	13,137,793	328,005	--	--	--
1972	1,878,670	13,819,404	280,271	--	--	--
1973	2,415,764	17,881,017	362,365	--	--	--
1974	3,516,543	26,541,969	527,481	--	--	--
1975	3,030,539	36,103,581	456,480	--	--	--
***1976	6,150,812	116,682,091	1,151,925	--	--	--
1977	5,788,737	104,769,452	924,279	--	--	--
1978	5,338,573	109,346,876	797,146	--	--	--
1979	6,908,111	114,324,804	1,678,629	--	--	--
1980	6,663,416	108,161,726	4,526,078	--	--	--
TOTALS	134,811,745	1,152,212,436	21,958,601	28,197	111,439	5,993

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

UTAH

YEAR	<----- P H O S P H A T E ----->			<----- P O T A S H ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIDE	14,503	31,208	3,309	--	--	--
1954	2,726	15,676	392	--	--	--
1955-72	--	--	--	--	--	--
1973	43,277	194,749	12,624	--	--	--
1974	72,180	324,809	21,126	89,372	1,427,490	42,825
1975	437	1,967	127	47,438	1,264,337	37,930
***1976	--	--	--	57,726	1,473,246	46,894
1977	--	--	--	48,959	1,174,133	35,224
1978	--	--	--	38,061	942,768	28,283
1979	--	--	--	29,683	887,877	26,636
1980	--	--	--	22,677	1,249,001	37,470
TOTALS	133,123	618,409	37,588	333,916	8,418,652	255,262

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

UTAH

	<----- S A N D - G R A V E L ----->			<----- U R A N I U M ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRELUE	--	--	--	4,202	212,352	23,262
1954	--	--	--	1,167	55,145	8,515
1955	--	--	--	17,611	300,408	43,989
1956	--	--	--	4,615	124,476	15,734
1957	--	--	--	660	38,661	4,001
1958	--	--	--	641	9,299	1,014
1959	50,082	214,550	4,371	945	13,747	1,505
1960	21,319	53,123	2,799	2,974	38,815	3,998
1961	8,117	33,168	621	2,290	45,562	4,891
1962	--	--	--	3,673	55,649	5,853
1963	--	--	--	1,190	14,391	1,220
1964	--	--	--	1,179	16,312	1,559
1965	--	--	--	465	4,757	238
1966	--	--	--	648	5,592	410
1967-72	--	--	--	--	--	--
1973	30,237	30,237	1,925	--	--	--
1974	82,913	82,913	3,317	--	--	--
1975	78,028	78,028	3,121	--	--	--
***1976	56,582	56,582	2,530	--	--	--
1977	38,304	19,033	1,082	--	--	--
1978	43,953	43,953	2,637	--	--	--
1979	18,442	18,442	1,107	--	--	--
1980	32,939	32,939	1,976	--	--	--
TOTALS	460,916	661,988	25,986	42,260	935,166	116,189

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

UTAH

YEAR	<----- O T H E R ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRE 1900	--	--	--	49,807,223	164,006,820	5,681,216
1904	--	--	--	2,792,389	13,924,999	353,997
1905	--	--	--	2,754,436	14,060,048	389,162
1906	2,828	2,881	144	2,882,576	14,917,287	373,219
1907	3,487	7,230	361	3,092,012	16,457,560	390,126
1908	4,488	9,187	459	2,662,540	14,051,734	336,088
1909	3,725	7,755	388	2,423,073	13,004,585	312,585
1910	7,423	11,345	567	2,312,711	12,381,904	302,504
1911	2,338	3,718	186	2,344,188	12,475,167	312,538
1912	1,040	16,700	1,362	2,449,700	13,028,280	340,789
1913	1,584	2,376	119	1,890,139	9,767,921	264,473
1914	4,123	35,376	3,373	2,002,667	10,119,527	291,273
1915	4,850	66,996	8,629	1,844,458	9,153,438	280,242
1916	6,242	96,361	12,484	1,914,966	9,721,459	270,432
1917	8,209	130,707	16,678	1,731,405	8,857,091	272,074
1918	16,871	248,698	33,073	1,729,447	8,872,220	285,491
1919	16,883	239,815	32,377	1,915,543	9,582,806	315,050
1920	14,887	221,314	28,069	2,020,561	10,055,707	327,616
1921	13,300	178,356	22,758	2,199,998	13,316,149	350,763
1922	12,628	171,371	24,612	1,891,298	14,040,775	304,883
1923	4,495	59,199	8,990	2,493,773	18,165,272	385,914
1924	12,086	159,094	24,160	3,773,088	28,536,295	618,909
1925	1,426	18,786	2,852	3,157,868	17,466,693	500,510
**1926	1,501	19,768	3,002	6,596,661	118,231,687	1,204,351
1927	--	--	--	5,876,000	105,961,618	960,585
1928	1,662	68,778	8,597	5,422,550	110,402,377	836,663
1929	4,042	324,491	69,874	6,960,278	156,055,614	1,776,256
1930	2,157	325,244	40,656	8,722,229	199,768,910	4,606,180
TOTALS	153,620	2,425,653	344,270	125,563,777	1,165,383,943	22,643,889

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1926 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1925 - DECEMBER 1926).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

UTAH

YEAR	<----- C O A L ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	49,788,518	163,713,260	5,654,645	14,503	81,208	3,309
1954	2,788,496	13,354,178	345,090	2,726	15,676	392
1955	2,736,825	13,759,640	345,173	--	--	--
1956	2,875,133	14,789,930	357,341	--	--	--
1957	3,087,865	16,411,669	385,764	--	--	--
1958	2,647,411	14,033,248	334,615	--	--	--
1959	2,368,321	12,768,533	305,821	--	--	--
1960	2,280,995	12,278,621	295,140	--	--	--
1961	2,331,443	12,392,699	306,840	--	--	--
1962	2,444,187	12,955,848	333,574	--	--	--
1963	1,883,156	9,746,945	252,503	--	--	--
1964	1,997,365	10,067,839	286,341	--	--	--
1965	1,839,343	9,081,685	271,375	--	--	--
1966	1,608,076	8,619,506	257,538	--	--	--
1967	1,723,066	8,726,354	255,396	--	--	--
1968	1,703,233	8,578,286	250,156	--	--	--
1969	1,884,435	9,230,997	279,073	--	--	--
1970	2,005,674	9,834,393	299,547	--	--	--
1971	2,186,698	13,137,793	328,005	--	--	--
1972	1,878,670	13,969,404	280,271	--	--	--
1973	2,415,764	17,381,087	362,365	43,277	194,749	12,634
1974	3,516,543	26,541,989	527,481	72,180	324,809	21,126
1975	3,030,539	36,103,581	456,480	437	1,967	127
***1976	6,880,852	116,682,091	1,151,925	--	--	--
1977	5,780,737	104,769,452	924,279	--	--	--
1978	5,338,872	109,346,878	797,146	--	--	--
1979	6,908,111	154,824,804	1,678,639	--	--	--
1980	6,663,416	198,161,726	4,526,078	--	--	--
TOTALS	134,811,745	1,152,212,436	21,858,601	133,123	618,409	37,588

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

UTAH

YEAR	<----- P O T A S H ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1962	--	--	--	832	15,170	1,281
1963	--	--	--	--	--	--
1964	--	--	--	1,708	31,753	3,192
1965	--	--	--	4,302	66,474	8,603
1966	--	--	--	6,242	96,361	12,484
1967	--	--	--	8,339	130,737	16,678
1968	--	--	--	16,671	248,698	33,073
1969	--	--	--	16,663	239,815	32,877
1970	--	--	--	14,887	221,314	28,069
1971	--	--	--	12,290	177,346	22,657
1972	--	--	--	12,628	171,371	24,612
1973	--	--	--	4,495	59,199	8,990
1974	69,372	1,427,490	42,825	12,080	159,094	24,160
1975	47,438	1,264,337	37,930	1,426	18,780	2,852
***1976	57,726	1,473,246	46,894	1,501	19,768	3,002
1977	46,959	1,174,133	35,224	--	--	--
1978	38,061	942,768	28,283	1,663	68,778	8,597
1979	29,663	387,877	26,636	4,042	324,491	69,874
1980	22,677	1,249,001	37,470	3,197	325,244	40,656
TOTALS	333,916	8,418,852	255,262	122,966	2,374,393	341,657

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	49,803,021	163,794,468	5,657,954
1954	2,791,222	13,869,854	345,482
1955	2,736,825	13,759,640	345,173
1956	2,875,133	14,789,930	357,341
1957	3,087,865	16,411,669	385,764
1958	2,657,411	14,033,248	334,615
1959	2,368,321	12,768,533	305,821
1960	2,280,995	12,278,621	295,140
1961	2,331,443	12,392,699	306,840
1962	2,445,019	12,971,018	334,855
1963	1,833,156	9,746,945	262,503
1964	1,899,073	10,099,592	289,533
1965	1,843,645	9,148,159	279,978
1966	1,814,318	8,715,867	270,022
1967	1,731,405	8,857,091	272,074
1968	1,719,904	8,826,984	283,229
1969	1,901,098	9,520,812	311,950
1970	2,020,561	10,055,707	327,616
1971	2,198,988	13,315,139	350,662
1972	1,891,298	14,040,775	304,883
1973	2,463,536	18,135,035	383,989
1974	3,690,175	28,453,382	615,592
1975	3,079,840	37,388,665	497,389
***1976	6,940,079	118,175,105	1,201,821
1977	5,837,696	105,943,585	959,503
1978	5,378,597	110,358,424	834,026
1979	6,941,836	156,037,172	1,775,149
1980	8,689,290	199,735,971	4,604,204
TOTALS	135,401,750	1,163,624,090	22,493,108

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

UTAH

YEAR	<----- L I M E S T O N E ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--	2,828	2,881	144
1957	--	--	--	3,487	7,230	361
1958	--	--	--	4,488	9,187	459
1959	--	--	--	3,725	7,755	388
1960	--	--	--	7,423	11,345	567
1961	--	--	--	2,338	3,718	186
1962	--	--	--	1,008	1,613	81
1963	--	--	--	1,584	2,376	119
1964	--	--	--	2,415	3,623	181
1965	--	--	--	348	522	26
1966-67	--	--	--	--	--	--
1968	9,543	45,236	2,262	--	--	--
1969	14,445	61,994	3,100	--	--	--
1970	--	--	--	--	--	--
1971	--	--	--	1,010	1,010	101
1972-80	--	--	--	--	--	--
TOTALS	23,988	107,230	5,362	30,654	51,260	2,613

**DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1956	2,828	2,881	144
1957	3,487	7,230	361
1958	4,488	9,187	459
1959	3,725	7,755	388
1960	7,423	11,345	567
1961	2,338	3,718	186
1962	1,008	1,613	81
1963	1,584	2,376	119
1964	2,415	3,623	181
1965	348	522	26
1966-67	--	--	--
1968	9,543	45,236	2,262
1969	14,445	61,994	3,100
1970	--	--	--
1971	1,010	1,010	101
1972-80	--	--	--
TOTALS	54,642	158,490	7,975

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
CONSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

UTAH

	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	50,082	214,550	4,871
1960	--	--	--	21,319	53,123	2,799
1961	--	--	--	8,117	33,188	621
1962	--	--	--	--	--	--
1963	4,209	4,209	631	--	--	--
1964-72	--	--	--	--	--	--
1973	--	--	--	30,237	30,237	1,925
1974	--	--	--	82,913	82,913	3,317
1975	--	--	--	78,028	78,028	3,121
***1976	--	--	--	56,582	56,582	2,530
1977	--	--	--	38,304	18,033	1,082
1978	--	--	--	43,953	43,953	2,637
1979	--	--	--	18,442	18,442	1,107
1980	--	--	--	32,939	32,939	1,976
TOTALS	4,209	4,209	631	460,916	661,988	25,986

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

UTAH

	<----- U R A N I U M ----->			<----- O T H E R ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICE	4,202	212,352	23,262	--	--	--
1954	1,167	55,145	8,515	--	--	--
1955	17,611	300,408	43,989	--	--	--
1956	4,615	124,476	15,734	--	--	--
1957	660	38,661	4,001	--	--	--
1958	641	9,299	1,014	--	--	--
1959	945	13,747	1,505	--	--	--
1960	2,974	38,815	3,998	--	--	--
1961	2,290	45,562	4,891	--	--	--
1962	3,673	55,649	5,853	--	--	--
1963	1,190	14,391	1,220	--	--	--
1964	1,179	16,312	1,559	--	--	--
1965	465	4,757	230	--	--	--
1966	648	5,592	410	--	--	--
1967-80	--	--	--	--	--	--
TOTALS	42,260	935,166	116,169	0	0	0

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FISCAL	4,202	212,352	23,262
1954	1,167	55,145	8,515
1955	17,611	300,408	43,989
1956	4,615	124,476	15,734
1957	660	38,661	4,001
1958	641	9,299	1,014
1959	51,027	228,297	6,376
1960	24,293	91,938	6,797
1961	10,407	78,750	5,512
1962	3,673	55,649	5,853
1963	5,399	18,600	1,851
1964	1,179	16,312	1,559
1965	465	4,757	238
1966	648	5,592	410
1967-72	--	--	--
1973	30,237	30,237	1,925
1974	82,913	82,913	3,317
1975	78,028	78,028	3,121
***1976	56,582	56,582	2,530
1977	38,304	18,023	1,082
1978	43,953	43,953	2,637
1979	18,442	18,442	1,107
1980	32,939	32,939	1,976
TOTALS	507,385	1,601,363	142,806

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUCSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

VIRGINIA

ACQUIRED LANDS ONLY

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	673	3,870	101	--	--	--
1957	125	719	18	10,098	24,438	303
1958	--	--	--	--	--	--
1959	--	--	--	3,000	6,870	90
1960	--	--	--	500	1,200	15
1961-73	--	--	--	--	--	--
1974	--	--	--	2,715	6,612	331
1975	--	--	--	9,240	24,299	1,215
***1976	--	--	--	--	--	--
1977	--	--	--	15,897	65,960	3,298
1978	--	--	--	53,014	272,052	13,603
1979	--	--	--	5,238	27,837	1,392
1980	--	--	--	1,890	14,515	726
TOTALS	798	4,589	119	101,592	443,783	20,973

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

VIRGINIA

YEAR	<----- S A N D - G R A V I L ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FEELR	--	--	--	752,550	1,798,989	38,944
1954	--	--	--	136,878	765,049	33,732
1955	--	--	--	63,639	779,780	41,191
1956	--	--	--	149,854	626,428	23,120
1957	--	--	--	116,381	411,707	12,259
1958	--	--	--	81,435	347,087	14,058
1959	14	42	4	89,664	535,802	23,029
1960	--	--	--	37,043	173,282	6,052
1961	--	--	--	61,565	184,720	4,309
1962	--	--	--	63,215	180,432	4,425
1963	--	--	--	--	--	--
1964	--	--	--	5,543	7,203	388
1965	--	--	--	10,668	13,869	747
1966	--	--	--	50,323	161,949	3,523
1967	--	--	--	12,000	3,000	840
1968-EG	--	--	--	--	--	--
TOTALS	14	42	4	1,631,558	5,989,297	206,617

**DUE TO THE CHANGE IN THE FISCAL YEAR, 1970 DATA CONSISTS OF
A 12 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

VIRGINIA

ACQUIRED LANDS ONLY

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FFICF	752,550	1,798,989	38,944
1954	136,878	765,049	33,732
1955	63,639	779,780	41,191
1956	150,527	630,298	23,221
1957	126,604	436,864	12,580
1958	81,435	347,087	14,058
1959	92,678	542,714	23,123
1960	38,343	174,482	6,067
1961	61,565	184,720	4,309
1962	63,215	180,432	4,425
1963	--	--	--
1964	5,543	7,203	388
1965	10,668	13,869	747
1966	50,323	161,949	3,523
1967	12,000	3,000	840
1968-73	--	--	--
1974	2,715	6,612	331
1975	9,240	24,299	1,215
1976	--	--	--
1977	15,897	65,960	3,298
1978	53,014	272,052	13,603
1979	5,238	27,837	1,392
1980	1,890	14,515	726
TOTALS	1,733,962	6,437,711	227,713

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WASHINGTON

YEAR	<----- C O A L ----->			<----- L I M E S T O N E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
FISCAL	238,669	2,162,110	114,643	--	--	--
1954-55	--	--	--	--	--	--
1956	--	--	--	22,500	11,250	750
1957	--	--	--	4,125	2,010	137
1958	--	--	--	--	--	--
1959	--	--	--	138,955	173,693	5,830
1960	--	--	--	--	--	--
1961	--	--	--	71,974	35,987	2,399
1962	--	--	--	--	--	--
1963	--	--	--	19,804	19,804	403
1964	--	--	--	49,481	33,054	988
1965	--	--	--	--	--	--
1966	--	--	--	64,989	43,326	1,776
1967	--	--	--	70,993	39,996	3,301
1968	--	--	--	13,001	13,001	674
1969	--	--	--	17,119	17,119	1,786
1970-72	--	--	--	--	--	--
1973	214,800	1,073,340	42,924	--	--	--
1974	334,376	1,671,826	66,865	--	--	--
1975	94,256	471,276	18,851	--	--	--
***1976-77	--	--	--	--	--	--
1978	191,563	957,815	36,313	--	--	--
1979	92,749	463,745	18,550	--	--	--
1980	--	--	--	--	--	--
TOTALS	1,766,231	6,800,914	300,156	481,941	389,240	18,044

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WASHINGTON

YEAR	<----- S A N D - G R A V E L ----->			<----- U R A N I U M ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRICR	840,821	517,094	15,137	--	--	--
1954	172,153	172,153	8,495	--	--	--
1955	75,578	37,789	1,638	--	--	--
1956	14,778	42,309	3,927	4,512	92,350	11,355
1957	23,689	11,845	1,249	21,533	320,850	35,397
1958	274,799	137,400	8,111	118,670	949,360	97,786
1959	225,843	169,382	11,544	149,348	1,117,066	117,786
1960	352,527	264,391	17,081	177,661	2,199,706	244,719
1961	276,538	124,479	12,564	169,446	2,821,753	334,948
1962	455,339	277,670	22,192	145,068	2,436,691	278,484
1963	336,097	252,072	20,879	106,092	1,850,378	210,302
1964	277,202	207,901	19,963	137,987	2,959,319	355,225
1965	584,735	389,823	38,064	142,246	2,987,568	360,267
1966	498,303	332,256	35,939	--	--	--
1967	669,785	502,339	50,196	--	--	--
1968	454,493	454,493	39,056	--	--	--
1969	344,400	344,400	25,250	--	--	--
1970	765,098	765,098	47,752	59,203	1,302,466	117,772
1971	458,647	458,647	91,693	143,676	3,874,668	425,401
1972	1,175,371	1,175,371	114,301	89,828	2,245,700	266,961
1973	430,190	430,190	87,078	81,440	1,486,280	229,146
1974	573,862	1,434,655	104,053	117,794	5,678,134	308,546
1975	370,746	926,864	80,271	141,130	2,326,553	264,011
***1976	369,994	890,976	68,053	229,582	2,161,248	234,407
1977	137,577	137,577	20,834	--	--	--
1978	159,684	159,684	23,180	--	--	--
1979	153,729	153,729	24,418	--	--	--
1980	110,243	110,243	19,342	--	--	--
TOTALS	10,652,301	10,880,910	1,012,260	2,035,216	36,810,090	3,892,513

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
 SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WASHINGTON

<----- O T H E R ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PEPPER	4	22,304	2,304	1,679,494	2,702,588	132,084
1954	502	17,362	1,736	172,655	189,515	10,231
1955	609	44,078	4,804	76,187	81,867	6,442
1956	984	16,406	1,624	112,774	162,395	17,656
1957	981	490	82	50,328	335,195	36,865
1958	--	--	--	393,469	1,086,760	105,897
1959	--	--	--	514,146	1,460,141	135,160
1960	--	--	--	530,188	2,464,097	261,800
1961	--	--	--	517,258	2,982,219	349,911
1962	--	--	--	600,407	2,714,361	300,676
1963	--	--	--	461,993	2,122,254	231,584
1964	--	--	--	464,670	3,200,274	376,176
1965	19,080	12,720	636	746,061	3,390,111	398,967
1966	1,628	1,642	66	565,000	377,224	37,781
1967	--	--	--	749,778	542,335	53,497
1968	1,283	641	143	468,777	468,135	39,873
1969	31,104	16,692	1,803	392,623	378,211	28,839
1970	7,840	11,769	363	832,147	2,079,333	165,887
1971	--	--	--	600,323	4,333,315	517,094
1972	--	--	--	1,265,199	3,421,071	381,262
1973	3,143	3,143	782	725,441	2,992,953	359,940
1974	20	100	20	1,026,002	8,784,515	479,484
1975	20	100	20	606,152	3,724,795	363,153
***1976	--	--	--	590,576	3,052,224	302,460
1977	--	--	--	137,577	137,577	20,834
1978	--	--	--	351,247	1,117,499	61,493
1979	--	--	--	246,478	617,474	42,968
1980	--	--	--	110,243	110,243	19,342
TOTALS	67,204	147,527	14,383	15,002,893	55,028,681	5,237,356

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

WASHINGTON

	<----- COAL ----->			<- TOTAL ALL PRODUCTS ->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
FFIDR	838,669	2,163,110	114,643	838,669	2,163,110	114,643
1954-72	--	--	--	--	--	--
1973	214,668	1,073,340	42,934	214,668	1,073,340	42,934
1974	334,326	1,671,626	66,865	334,326	1,671,626	66,865
1975	94,256	471,278	18,851	94,256	471,278	18,851
***1976-77	--	--	--	--	--	--
1976	191,563	957,815	38,313	191,563	957,815	38,313
1979	92,749	463,745	18,550	92,749	463,745	18,550
1980	--	--	--	--	--	--
TOTALS	1,766,231	6,800,914	300,156	1,766,231	6,800,914	300,156

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

WASHINGTON

YEAR	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	--	--	--	840,821	517,094	15,137
1954	--	--	--	172,153	172,153	8,495
1955	--	--	--	75,578	37,789	1,638
1956	22,500	11,250	750	84,778	42,389	3,927
1957	4,125	2,010	137	23,689	11,845	1,249
1958	--	--	--	274,799	137,400	8,111
1959	138,955	173,693	5,830	225,843	169,382	11,544
1960	--	--	--	352,527	264,391	17,081
1961	71,974	35,987	2,399	276,538	124,479	12,564
1962	--	--	--	455,339	277,670	22,192
1963	19,804	19,804	403	336,097	252,072	20,879
1964	49,401	33,054	988	277,202	207,901	19,963
1965	--	--	--	584,735	389,823	38,064
1966	64,989	40,306	1,776	498,383	332,256	35,939
1967	79,043	39,990	3,301	669,785	502,339	50,196
1968	13,001	13,001	674	454,493	454,493	39,056
1969	17,119	17,119	1,766	344,400	344,400	25,250
1970	--	--	--	765,098	765,098	47,752
1971	--	--	--	458,647	458,647	91,693
1972	--	--	--	1,175,371	1,175,371	114,201
1973	--	--	--	430,190	430,190	87,078
1974	--	--	--	573,862	1,434,655	104,053
1975	--	--	--	370,746	926,864	80,271
***1976	--	--	--	369,994	890,970	68,053
1977	--	--	--	137,577	137,577	20,834
1978	--	--	--	159,684	159,684	23,180
1979	--	--	--	153,729	153,729	24,418
1980	--	--	--	110,243	110,243	19,342
TOTALS	661,941	389,240	18,044	10,657,301	10,880,910	1,012,260

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

WASHINGTON

YEAR	<----- U R A N I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PREIOR	--	--	--	4	22,384	2,304
1954	--	--	--	502	17,362	1,736
1955	--	--	--	609	44,078	4,804
1956	4,512	92,350	11,355	984	16,406	1,624
1957	21,533	320,850	35,397	981	490	82
1958	118,670	949,360	97,786	--	--	--
1959	149,348	1,117,066	117,786	--	--	--
1960	177,661	2,199,706	244,719	--	--	--
1961	169,446	2,821,753	334,948	--	--	--
1962	145,068	2,436,691	278,484	--	--	--
1963	106,092	1,850,378	210,302	--	--	--
1964	137,987	2,959,319	355,225	--	--	--
1965	142,246	2,987,568	360,267	19,080	12,720	636
1966	--	--	--	1,628	1,642	66
1967	--	--	--	--	--	--
1968	--	--	--	1,283	641	143
1969	--	--	--	31,104	16,692	1,803
1970	59,203	1,302,466	117,772	7,846	11,769	363
1971	143,676	3,874,668	425,401	--	--	--
1972	89,628	2,245,700	266,961	--	--	--
1973	81,440	1,486,280	229,146	3,143	3,143	782
1974	117,794	5,678,134	308,546	20	100	20
1975	141,130	2,326,553	264,011	20	100	20
***1976	229,512	2,161,248	234,407	--	--	--
1977-80	--	--	--	--	--	--
TOTALS	2,035,216	36,810,090	3,892,513	67,204	147,527	14,383

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

WASHINGTON

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	840,825	539,478	17,441
1954	172,655	189,515	10,231
1955	76,187	81,867	6,442
1956	112,774	162,395	17,656
1957	50,328	335,195	36,865
1958	393,469	1,086,760	105,897
1959	514,146	1,460,141	135,160
1960	530,188	2,464,097	261,800
1961	517,958	2,982,219	349,911
1962	600,407	2,714,361	300,676
1963	461,993	2,122,254	231,584
1964	464,670	3,200,274	376,176
1965	746,061	3,390,111	398,967
1966	565,000	377,224	37,781
1967	749,778	542,335	53,497
1968	468,777	468,135	39,873
1969	392,623	378,211	28,839
1970	832,147	2,079,333	165,887
1971	602,323	4,333,315	517,094
1972	1,265,199	3,421,071	381,262
1973	514,773	1,919,613	317,006
1974	691,676	7,112,889	412,619
1975	511,896	3,253,517	344,302
***1976	599,576	3,052,224	302,460
1977	137,577	137,577	20,834
1978	159,684	159,684	23,180
1979	153,729	153,729	24,418
1980	110,243	110,243	19,342
TOTALS	13,236,662	48,227,767	4,937,200

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

INDIAN LANDS ONLY

WISCONSIN

<----- SAND - GRAVEL ----->

<- TOTAL ALL PRODUCTS ->

YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	15,000	7,500	100	15,000	7,500	100
1954-61	--	--	--	--	--	--
1962	66,421	33,211	3,171	66,421	33,211	3,171
1963-80	--	--	--	--	--	--
TOTALS	81,421	40,711	3,271	81,421	40,711	3,271

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WYOMING

<----- C O A L ----->				<----- L I M E S T O N E ----->		
YEAR	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	44,996,997	115,546,742	4,877,115	--	--	--
1954	1,358,463	6,271,289	154,975	--	--	--
1955	591,459	4,687,088	113,018	--	--	--
1956	753,073	3,594,898	88,994	--	--	--
1957	420,415	2,462,345	50,022	--	--	--
1958	309,058	1,993,144	37,765	--	--	--
1959	462,708	3,344,044	52,855	--	--	--
1960	545,160	3,854,994	57,397	--	--	--
1961	919,877	6,504,748	94,565	--	--	--
1962	991,013	4,449,396	102,129	--	--	--
1963	1,043,900	4,173,315	104,629	--	--	--
1964	1,248,613	4,990,072	127,831	--	--	--
1965	1,221,625	4,897,578	125,790	--	--	--
1966	1,751,910	8,759,450	188,305	--	--	--
1967	2,032,153	13,087,477	211,944	--	--	--
1968	1,652,548	6,880,313	179,976	--	--	--
1969	1,659,928	6,787,944	211,674	239	2,390	453
1970	1,742,363	7,105,308	222,805	--	--	--
1971	2,814,745	10,339,244	385,078	--	--	--
1972	3,041,757	10,574,099	466,346	--	--	--
1973	4,991,059	18,199,304	780,524	--	--	--
1974	6,458,015	38,275,299	1,370,732	--	--	--
1975	11,761,915	62,514,926	2,249,791	--	--	--
***1976	25,546,751	162,916,734	5,227,892	--	--	--
1977	28,280,589	200,150,047	5,611,523	--	--	--
1978	35,310,346	260,528,846	7,784,956	--	--	--
1979	30,120,589	252,228,361	7,279,673	--	--	--
1980	33,433,532	297,092,692	8,700,686	--	--	--
TOTALS	247,920,561	1,522,209,697	46,858,990	239	2,390	453

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WYOMING

YEAR	<----- P H O S P H A T E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	--	--	--	393,838	196,916	13,192
1959-60	--	--	--	--	--	--
1961	--	--	--	263,088	131,544	9,891
1962	--	--	--	416,465	208,233	17,556
1963	--	--	--	464,580	348,435	25,913
1964	--	--	--	107,886	80,915	5,841
1965	--	--	--	31,964	21,309	3,045
1966	--	--	--	15,182	10,121	1,433
1967	--	--	--	35,367	26,525	3,827
1968	--	--	--	100,494	100,494	11,160
1969	--	--	--	69,949	69,949	7,758
1970	--	--	--	24,938	24,938	2,447
1971	--	--	--	32,853	32,853	3,287
1972	--	--	--	97,235	97,235	9,920
1973	28,398	127,791	7,100	53,142	53,142	5,585
1974	349,385	1,572,233	82,704	53,142	53,142	5,585
1975	279,708	1,258,686	67,775	46,669	46,669	5,158
***1976	175,575	906,201	47,210	87,366	174,732	11,202
1977	40,797	291,806	14,591	--	--	--
1978-80	--	--	--	--	--	--
TOTALS	873,863	4,156,717	219,380	2,294,158	1,677,152	142,800

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WYOMING

YEAR	<----- S O D I U M ----->			<----- O T H E R ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	49,150	1,033,030	22,648	22,380	234,991	8,951
1954	63,722	1,474,764	44,243	1,267	13,308	507
1955	102,462	2,303,029	69,091	3,135	32,916	1,254
1956	150,911	3,567,255	107,018	16,155	169,624	6,462
1957	221,409	5,535,912	166,077	158	1,104	16
1958	163,802	4,021,560	120,647	--	--	--
1959	255,582	6,019,579	180,587	--	--	--
1960	218,712	5,127,470	153,824	--	--	--
1961	242,933	5,698,612	170,959	24,288	194,300	9,715
1962	106,532	2,343,667	70,310	--	--	--
1963	145,190	3,282,299	103,300	--	--	--
1964	614,540	13,534,896	447,834	--	--	--
1965	508,507	11,258,913	393,064	--	--	--
1966	495,122	11,101,565	411,615	--	--	--
1967	605,207	12,971,277	454,493	--	--	--
1968	707,579	14,658,365	498,079	43,674	436,744	17,470
1969	1,327,750	26,284,011	926,083	8,571	85,709	3,428
1970	1,295,255	26,076,450	951,813	--	--	--
1971	1,149,631	22,138,036	796,320	--	--	--
1972	1,470,601	31,195,840	1,226,423	--	--	--
1973	1,384,000	31,325,023	1,317,524	--	--	--
1974	1,276,512	29,825,962	1,273,673	--	--	--
1975	1,734,552	61,066,727	2,667,572	--	--	--
***1976	3,439,274	155,408,468	7,304,979	177,014	1,416,110	70,806
1977	2,182,846	116,517,575	5,800,464	30,673	245,383	12,269
1978	3,072,416	166,366,192	8,212,534	128,249	1,025,992	51,300
1979	2,363,331	146,572,379	7,328,619	--	--	--
1980	1,808,109	132,292,977	6,566,921	24,555	9,822	9,822
TOTALS	27,155,657	1,049,001,836	47,786,714	480,119	3,866,003	192,000

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ALL LANDS

WYOMING

< TOTAL ALL PRODUCTS >

YEAR	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRILR	45,068,527	116,814,766	4,908,714
1954	1,423,452	7,759,361	199,725
1955	1,097,076	7,023,033	183,363
1956	960,139	7,331,777	202,474
1957	641,982	7,999,361	216,115
1958	866,698	6,211,620	171,604
1959	738,290	5,363,623	233,442
1960	763,872	8,982,464	211,221
1961	1,450,186	12,529,204	285,130
1962	1,514,010	7,001,296	189,995
1963	1,653,670	7,804,049	233,842
1964	1,971,039	18,605,883	581,506
1965	1,762,096	16,177,800	521,899
1966	2,262,214	19,871,136	601,353
1967	2,672,727	26,085,279	670,264
1968	2,504,295	22,075,916	706,685
1969	3,066,437	33,230,003	1,149,396
1970	3,062,556	33,206,696	1,177,065
1971	3,997,229	32,510,133	1,184,685
1972	4,609,593	41,867,174	1,702,689
1973	6,456,599	49,705,260	2,110,733
1974	10,137,054	69,726,636	2,732,694
1975	13,822,844	124,887,008	4,990,296
***1976	29,425,980	320,822,245	12,662,089
1977	30,534,905	317,204,811	11,438,847
1978	38,511,011	427,921,030	16,048,790
1979	32,483,920	398,800,740	14,608,292
1980	35,266,196	429,395,491	15,277,429
TOTALS	278,724,597	2,580,913,795	95,200,337

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

WYOMING

YEAR	<----- C O A L ----->			<----- P H O S P H A T E ----->		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOF	44,996,997	115,546,742	4,877,115	--	--	--
1954	1,351,463	6,271,289	154,975	--	--	--
1955	941,459	4,687,088	113,018	--	--	--
1956	793,073	3,594,898	88,994	--	--	--
1957	420,415	2,462,345	50,022	--	--	--
1958	309,058	1,993,144	37,765	--	--	--
1959	482,708	3,344,044	52,855	--	--	--
1960	545,160	3,854,994	57,397	--	--	--
1961	919,877	6,504,748	94,565	--	--	--
1962	991,013	4,449,396	102,129	--	--	--
1963	1,043,900	4,173,315	104,629	--	--	--
1964	1,248,613	4,990,072	127,831	--	--	--
1965	1,221,625	4,097,578	125,790	--	--	--
1966	1,751,910	8,759,480	188,305	--	--	--
1967	2,032,153	13,087,477	211,944	--	--	--
1968	1,652,548	6,880,313	179,976	--	--	--
1969	1,659,928	6,787,944	211,674	--	--	--
1970	1,742,363	7,105,306	222,805	--	--	--
1971	2,814,745	10,339,244	385,078	--	--	--
1972	3,041,757	10,574,099	466,346	--	--	--
1973	4,991,059	18,199,304	780,524	28,398	127,791	7,100
1974	8,458,015	38,275,299	1,370,732	349,385	1,572,233	82,704
1975	11,761,915	62,514,926	2,249,791	279,708	1,258,686	67,775
***1976	25,546,751	162,916,734	5,227,892	175,575	906,201	47,210
1977	28,280,589	200,150,047	5,611,523	40,797	291,806	14,591
1978	35,310,346	260,528,846	7,784,956	--	--	--
1979	30,120,589	252,228,361	7,279,673	--	--	--
1980	33,433,532	297,092,692	8,700,686	--	--	--
TOTALS	247,920,561	1,522,209,697	46,858,990	873,863	4,156,717	219,380

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

PUBLIC LANDS

WYOMING

YEAR	<----- S O D I U M ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	49,150	1,033,033	22,648	45,046,147	116,579,775	4,899,763
1954	63,722	1,474,764	44,243	1,422,185	7,746,053	199,218
1955	102,482	2,303,029	69,091	1,093,941	6,990,117	182,109
1956	150,911	3,567,255	107,019	943,984	7,162,153	196,012
1957	221,409	5,535,912	166,077	641,824	7,998,257	216,099
1958	163,802	4,021,560	120,647	472,860	6,014,704	158,412
1959	255,582	6,019,579	180,587	738,290	9,363,623	233,442
1960	218,712	5,127,470	153,824	763,872	8,982,464	211,221
1961	242,933	5,698,612	170,959	1,162,810	12,203,360	265,524
1962	106,532	2,343,667	70,310	1,097,545	6,793,063	172,439
1963	145,190	3,282,299	103,300	1,189,090	7,455,614	207,929
1964	614,540	13,534,896	447,834	1,863,153	18,524,968	575,665
1965	508,507	11,258,913	393,064	1,730,132	16,156,491	518,854
1966	495,122	11,101,565	411,615	2,247,032	19,861,015	599,920
1967	605,207	12,971,277	454,493	2,637,360	26,058,754	666,437
1968	707,579	14,658,365	498,079	2,360,127	21,538,678	678,055
1969	1,327,750	26,284,011	926,083	2,987,678	33,071,955	1,137,757
1970	1,295,255	26,076,450	951,813	3,037,618	33,181,758	1,174,618
1971	1,149,631	22,138,036	796,320	3,964,376	32,477,280	1,181,398
1972	1,470,601	31,195,840	1,226,423	4,512,358	41,769,939	1,692,769
1973	1,384,000	31,325,023	1,317,524	6,403,457	49,652,118	2,105,148
1974	1,276,512	29,825,962	1,273,673	10,083,912	69,673,494	2,727,109
1975	1,734,552	61,066,727	2,667,572	13,776,175	124,840,339	4,985,138
***1976	3,439,274	155,409,468	7,304,979	29,161,600	319,231,403	12,580,081
1977	2,182,846	116,517,575	5,800,464	30,504,232	316,959,428	11,426,578
1978	3,072,416	166,366,192	8,212,534	38,382,762	426,895,036	15,997,490
1979	2,363,331	146,572,379	7,328,619	32,483,920	398,800,740	14,608,292
1980	1,808,109	132,292,977	6,566,921	35,241,641	429,385,669	15,267,607
TOTALS	27,155,657	1,049,001,936	47,786,714	275,950,081	2,575,368,250	94,865,084

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).

SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

ACQUIRED LANDS

WYOMING

YEAR	<----- O T H E R ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	22,380	234,991	8,951	22,380	234,991	8,951
1954	1,267	13,308	507	1,267	13,308	507
1955	3,135	32,916	1,254	3,135	32,916	1,254
1956	16,155	169,624	6,462	16,155	169,624	6,462
1957-60	--	--	--	--	--	--
1961	24,288	194,300	9,715	24,288	194,300	9,715
1962-67	--	--	--	--	--	--
1968	43,674	436,744	17,470	43,674	436,744	17,470
1969	8,571	85,709	3,428	8,571	85,709	3,428
1970-75	--	--	--	--	--	--
***1976	177,014	1,416,110	70,806	177,014	1,416,110	70,806
1977	30,673	245,383	12,269	30,673	245,383	12,269
1978	128,249	1,025,992	51,300	128,249	1,025,992	51,300
1979	--	--	--	--	--	--
1980	24,555	9,822	9,822	24,555	9,822	9,822
TOTALS	479,961	3,364,899	191,984	479,961	3,864,899	191,984

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

WYOMING

YEAR	<----- L I M E S T O N E ----->			<----- S A N D - G R A V E L ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	--	--	--	393,838	196,916	13,192
1959-60	--	--	--	--	--	--
1961	--	--	--	263,088	131,544	9,891
1962	--	--	--	416,465	208,233	17,556
1963	--	--	--	464,580	348,435	25,913
1964	--	--	--	107,886	80,915	5,841
1965	--	--	--	31,964	21,309	3,045
1966	--	--	--	15,182	10,121	1,433
1967	--	--	--	35,367	26,525	3,827
1968	--	--	--	100,494	100,494	11,160
1969	239	2,390	453	69,949	69,949	7,758
1970	--	--	--	24,938	24,938	2,447
1971	--	--	--	32,853	32,853	3,287
1972	--	--	--	97,235	97,235	9,920
1973	--	--	--	53,142	53,142	5,585
1974	--	--	--	53,142	53,142	5,585
1975	--	--	--	46,669	46,669	5,158
***1976	--	--	--	87,366	174,732	11,202
1977-80	--	--	--	--	--	--
TOTALS	239	2,390	453	2,294,158	1,677,152	142,800

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

MINING OPERATIONS

INDIAN LANDS

WYOMING

YEAR	<----- O T H E R ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	158	1,104	16	158	1,104	16
1958	--	--	--	393,838	196,916	13,192
1959-60	--	--	--	--	--	--
1961	--	--	--	263,088	131,544	9,891
1962	--	--	--	416,465	208,233	17,556
1963	--	--	--	464,580	348,435	25,913
1964	--	--	--	107,886	80,915	5,841
1965	--	--	--	31,964	21,309	3,045
1966	--	--	--	15,182	10,121	1,433
1967	--	--	--	35,367	26,525	3,827
1968	--	--	--	100,494	100,494	11,160
1969	--	--	--	70,188	72,339	8,211
1970	--	--	--	24,938	24,938	2,447
1971	--	--	--	32,853	32,853	3,287
1972	--	--	--	97,235	97,235	9,920
1973	--	--	--	53,142	53,142	5,585
1974	--	--	--	53,142	53,142	5,585
1975	--	--	--	46,669	46,669	5,158
***1976	--	--	--	67,366	174,732	11,202
1977-80	--	--	--	--	--	--
TOTALS	158	1,104	16	2,294,555	1,680,646	143,269

***DUE TO THE CHANGE IN THE FISCAL YEAR, 1976 DATA CONSISTS OF
AN 18 MONTH PERIOD (JULY 1975 - DECEMBER 1976).
SUBSEQUENTLY, ALL DATA WILL BE ON A CALENDAR YEAR BASIS.

Part 5
FEDERAL AND INDIAN LAND
TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS

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

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

:	: REGION :	PRODUCTION :	PRODUCTION :	ROYALTY :
:	: NUMBER :	TONS :	VALUE (\$):	VALUE (\$):
I	1980	-	-	-
	1920-1980	68	9,711	818
II	1980	-	-	-
	1920-1980	-	-	-
III	1980	1,890	14,515	726
	1920-1980	1,733,962	6,437,711	227,713
IV	1980	260,587	3,336,288	158,675
	1920-1980	6,248,639	38,656,892	1,623,245
V	1980	28,357	1,495,222	66,545
	1920-1980	1,532,425	22,992,902	943,150
VI	1980	24,195,348	474,911,790	30,427,052
	1920-1980	333,102,866	4,505,480,192	254,119,451
VII	1980	546,775	251,760,373	12,588,211
	1920-1980	5,757,498	1,530,961,230	69,573,840
VIII	1980	67,216,980	919,984,389	32,792,617
	1920-1980	667,240,631	5,303,348,931	173,334,606
IX	1980	13,695,030	246,508,967	10,255,353
	1920-1980	172,986,540	2,009,687,542	100,277,702
X	1980	6,517,347	54,375,082	3,871,342
	1920-1980	132,508,595	612,068,033	37,227,266
GRAND TOTAL				
	1980	<u>112,462,314</u>	<u>\$ 1,952,386,626</u>	<u>\$ 90,160,521</u>
	1920-1980	<u>1,331,111,224</u>	<u>\$14,029,643,144</u>	<u>\$637,327,791</u>

NOTE: For State, Land Category and Products - See Part 4

Part 6

Federal and Indian Lands

TOTAL UNITED STATES AND TOTAL FEDERAL AND INDIAN

PRODUCTION OF COAL, PHOSPHATE, POTASH, AND SODIUM

The total production of coal, phosphate, potash, and sodium, from leases under the supervision of the U.S. Geological Survey increased during the year 1980. Coal showed the largest increase amounting to 8 million tons. For 1980, this production represented about 11 percent of the coal, 91.5 percent of the potash, 12.3 percent of the phosphate, and 32 percent of the sodium produced in the United States, respectively.

TOTAL UNITED STATES PRODUCTION

PRODUCTION UNDER FEDERAL AND INDIAN LEASES

PERCENT OF FEDERAL AND INDIAN PRODUCTION OF TOTAL U.S. PRODUCTION

YEAR	C O A L			PERCENT OF TOTAL U.S. (%)	P H O S P H A T E		
	UNITED STATES (THOUSANDS OF TONS)	FEDERAL & INDIAN			UNITED STATES (THOUSANDS OF TONS)	FEDERAL & INDIAN	PERCENT OF TOTAL U.S. (%)
1954	321,706	7,394		1.0	13,821	1,340	9.7
1955	464,633	5,942		1.3	12,265	1,162	9.5
1956	500,874	5,805		1.2	15,747	1,798	11.4
1957	492,704	5,739		1.2	13,576	1,608	11.5
1958	410,446	5,295		1.3	14,879	2,271	15.3
1959	412,020	4,871		1.2	15,869	2,141	13.5
1960	415,512	5,185		1.2	17,516	2,497	14.3
1961	492,977	5,171		1.3	18,559	2,183	11.8
1962	422,149	5,766		1.4	19,382	2,049	10.6
1963	458,928	5,440		1.2	19,855	1,993	10.0
1964	456,598	7,124		1.5	22,560	2,623	11.4
1965	512,638	8,179		1.6	29,482	3,269	11.1
1966	533,881	8,301		1.6	39,044	4,384	11.2
1967	552,626	9,509		1.7	39,770	3,897	9.8
1968	555,245	9,169		1.7	41,251	4,100	9.9
1969	560,505	10,107		1.8	37,725	4,204	11.1
1970	612,661	12,044		2.0	38,739	3,702	9.6
1971	560,919	17,263		3.1	36,586	3,256	8.4
1972	602,486	11,966		3.2	40,931	3,124	7.7
1973	598,568	24,247		4.1	42,137	3,155	7.5
1974	610,023	32,139		5.3	45,686	6,258	13.7
1975	654,641	43,590		6.7	48,816	5,772	11.8
1976	684,913	59,902		8.7	49,241	6,616	9.4
1977	697,205	74,848		10.7	47,256	4,785	10.1
1978	670,164	79,241		11.8	50,037	7,055	14.1
1979	701,134	84,856		10.9	51,611	6,955	13.5
1980	830,000	92,910		11.2	54,415	6,678	12.3

NOTE: 1960 UNITED STATES PRODUCTION DATA ARE ESTIMATED.
SOURCE: TOTAL UNITED STATES PRODUCTION -- BUREAU OF MINES.

TOTAL UNITED STATES PRODUCTION

PRODUCTION UNDER FEDERAL AND INDIAN LEASES

PERCENT OF FEDERAL AND INDIAN PRODUCTION OF TOTAL U.S. PRODUCTION

YEAR	P O T A S H			PERCENT OF TOTAL U.S. (%)	S O D I U M			PERCENT OF TOTAL U.S. (%)
	UNITED STATES (THOUSANDS OF TONS)	FEDERAL & INDIAN			UNITED STATES (THOUSANDS OF TONS)	FEDERAL & INDIAN		
1954	3,322	2,379		71.6	777	667		85.8
1955	3,514	2,632		74.9	859	766		89.2
1956	3,679	2,616		71.1	986	856		86.8
1957	3,840	2,697		70.2	944	902		91.7
1958	3,640	2,552		70.1	976	866		88.7
1959	4,033	3,467		86.0	1,138	973		85.5
1960	4,472	4,115		92.0	1,259	1,010		80.2
1961	4,629	3,377		73.0	1,272	1,023		80.4
1962	4,167	3,874		93.0	1,436	961		66.9
1963	4,867	4,080		83.8	1,554	1,039		66.9
1964	4,954	4,381		88.4	1,850	1,559		84.3
1965	5,401	4,661		86.3	2,114	1,492		70.6
1966	5,701	4,825		84.6	2,378	1,522		64.0
1967	5,649	4,811		85.2	2,363	1,605		67.9
1968	4,759	4,241		88.9	2,743	1,766		64.4
1969	4,918	3,877		78.9	3,167	2,536		80.1
1970	4,850	3,737		77.0	3,276	2,390		72.9
1971	4,792	3,913		81.6	3,566	2,230		62.5
1972	4,649	3,345		72.0	3,919	2,606		66.5
1973	4,571	3,442		75.3	4,394	2,336		53.2
1974	4,482	3,551		79.2	4,743	2,092		44.1
1975	4,400	3,302		75.1	4,995	2,826		56.9
1976	4,215	3,730		88.5	8,223	3,231		39.3
1977	4,241	3,368		79.4	8,675	2,978		34.3
1978	4,326	3,706		85.7	8,896	4,603		51.7
1979	4,271	3,712		86.9	8,768	3,491		39.7
1980	4,315	3,948		91.5	8,850	2,835		32.0

NOTE: 1980 UNITED STATES PRODUCTION DATA ARE ESTIMATED.

SOURCE: TOTAL UNITED STATES PRODUCTION -- BUREAU OF MINES.

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