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GEOLOGY AND MINING SERIES No. 38

NEVADA'S METAL AND MINERAL PRODUCTION (1859-1940, Inclusive)

By BERTRAND F. COUCH, Secretary

and

JAY A. CARPENTER, Director

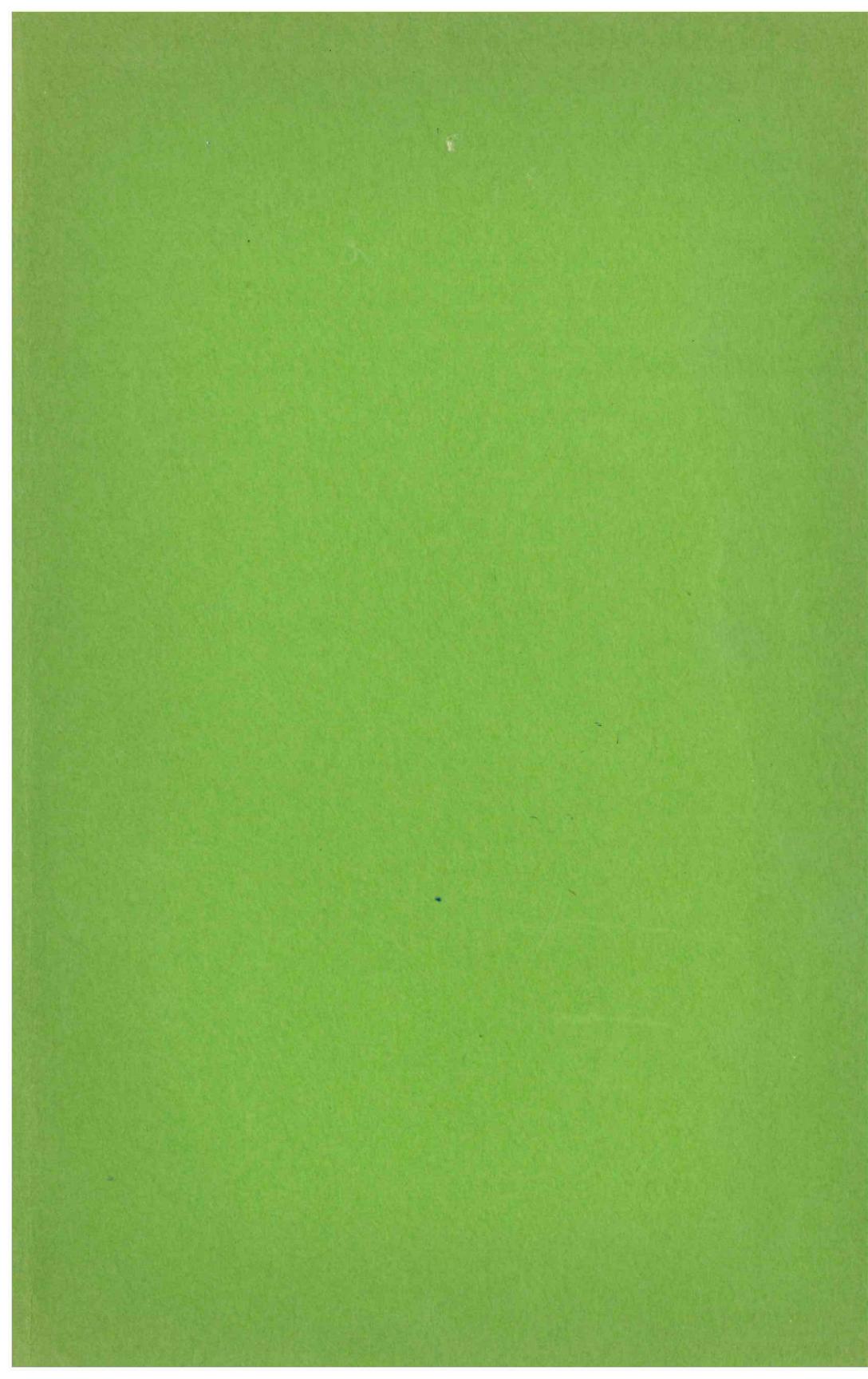
NEVADA STATE BUREAU OF MINES



PUBLICATION OF THE NEVADA STATE BUREAU OF MINES

AND THE MACKAY SCHOOL OF MINES

JAY A. CARPENTER, Director



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JAY A. CARPENTER, *Director*

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FOREWORD

There is always an historical interest by the press and public as to the facts concerning the production of metals and minerals and the value thereof in any State, county, or mining district.

This information is of value to the students of economics, especially in the study of taxation, and of particular value to the mining fraternity in its study of past production records of mining districts and mines as bearing upon their future.

In the early years of metal production in the Western States following the discovery of gold in California in 1849 there were, in general, no State laws requiring that a record be kept of the annual value or amounts of metal production by county, district, or mine.

In most of the States, the early production for two or more decades is but an approximation based upon the assembling of scattered and piece-meal records, becoming less authentic in turn for a given county, district or mine within the State.

Fortunately for Nevada, the State Constitution adopted in 1864, only five years after the start of mining in the State, along with laws passed in the first legislature, provided that each mine should file regular reports of gross recovered value of its metal and mineral production, and its net profits as a basis of taxation. Thus, in the State and county records, there has accumulated since 1864 an unassembled and unwritten up-to-date history of the State's mineral production, down even to the detail of each district's and mine's reported production. The only county with a worth-while production before 1865 was Storey, and that production has been closely estimated.

These State records were regularly required and sworn to, but the recorded production totals are subject to the errors arising from those who failed to report in order to evade the tax, or because no net profit was made from production, or who reported inaccurately on production. It is definitely known among mining men that certain mines produced much more than reported to the State. This is particularly true of the smaller mines, and of the earlier years before the reports were made direct to the Nevada Tax Commission. For instance, a serious error often made was to report the check from a smelter as the gross production in dollars, thus reducing the gross value of the metal recovered by the amount of the freight and smelter charges. The effect of

these sins of omission and commission, unknown in amount, is, however, to throw the summation figures to the conservative or low side, but only to a limited extent.

Tonnage figures are probably subject to greater error than the gross-value figures. In fact, many small mines have failed to report tonnage since it does not enter in the tax computations, or having no scales simply estimated tonnage. Also, tailing treatment plants often reported tonnage, which, if not recognized and omitted, would duplicate the tonnage of original ore mined.

As the large tonnage mines presumably reported tonnage and gross-values accurately, and were more easily and carefully checked, the above tonnage errors as also the gross-value errors amount to but a minor percent of the total figures.

It is to be regretted that these production reports did not or do not at present require also the separate metal contents recovered from the ores in addition to the required tonnage and gross recovery value. On this account, it is not possible from the State records to make a summation of the State's entire metal production in terms of ounces or pounds of the various metals.

From the files of technical literature and mining reports and from past assays of ore, it is possible to determine closely the ratio of recovered metals in any district and of most mines. Having this ratio, along with the gross metal production for the year, and the metal prices for the year, a close approximation of the different metal contents of the ore for the year can be made.

The U. S. Mint has compiled to the best of its ability and published a continuous annual record of the production of gold and silver by the Nation and by the States, but not by counties or districts. However, a study of the Carson City Mint records probably gave early searchers a close approximation, for instance, of the respective gold and silver production of the Comstock during its most productive years.

The first edition of the Mineral Resources published in 1883 states, "The Act of Congress providing for the collection and publication of mineral statistics under the auspices of the United States Geological Survey restricted the field to products other than gold and silver." However, a chapter on "Gold and Silver" is included, quoting the production figures of the Director of the U. S. Mint for 1881 and 1882 for the Nation and for the individual States. On presenting the figures on the total production of the United States, it is stated that arriving at definite sums

presents "perplexing statistical questions" due to "the embarrassing abundance of statistics" such as those of the Director of the Mint, Wells Fargo Express Co., Mr. J. Ross Brown, and Dr. R. W. Raymond, "covering overlapping periods and occasionally showing gaps," and also "revised, changed, and corrected until the whole subject seems lost in confusion"; yet there was sufficient reliable evidence upon which to reconstruct an estimate believed to have a probable error not exceeding 5 percent.

In the 1904 Mineral Resources there is begun a county production record by States of the principal metals—gold, silver, copper, lead, and zinc—with a review of mining by counties. This 1904 volume also included a table of the annual production by States of the base metals, copper, lead, and zinc, for the previous decade. The 1904 volume states "the Geological Survey obtains its data on the production of gold and silver by direct returns from the mines instead as previously from the Director of the Mint."

It further states, "the figures given (by the mines) are wholly confidential; therefore, only totals are given, and in the case of single producers in counties or districts their production is so reported as to conceal the exact amount of their output." The totals collected by this method, however diligently, are apt to be slightly lower than the actual figures and to differ from the U. S. Mint gold and silver figures for various reasons.

In the 1907 report it is stated that the greatest difficulty in obtaining accurate figures of allocated production is "from ores and concentrates shipped to custom works" due to considerable interval of time from shipment to reduction to metal, to recovery above settlement rates, to payment under average quotations, and to small mines reporting only in net money returns, or not at all.

In time the gold and silver production figures in the Mineral Resources were stated to be through cooperation by the U. S. Geological Survey and the U. S. Mint and "agreed upon, and therefore final for both."

In 1924 the U. S. Bureau of Mines took over the publication of the Mineral Resources, and in 1932 supplanted it with the Minerals Yearbook, a more inclusive volume.

With the passing years the Bureau of Mines has expanded its fact-finding force until practically no production of metals or minerals escapes their system of search and check. Besides the individual reports of the mines as to their production records, the Bureau has railroad shipping records, and custom milling, smelting and refining reports, and other reports along with the

U. S. Mint receipts, all to check on actual total metal recovered and its allocation.

The "value" figures are calculated by multiplying the net recoverable metal, however originally marketed, by the average United States selling price. These figures would naturally, therefore, be at some variance with those reported by Nevada mines as gross proceeds.

The Nevada Tax Commission has neither the force or funds to ascertain Nevada's production of metals and minerals in dollar value as closely and accurately as the U. S. Bureau of Mines, and the commission's monetary figures are subject to many of the errors already mentioned. However, with the U. S. Bureau of Mines' county production figures and reports to check with, it is probable that very little production or possible net profits tax escapes the commission's attention.

From a fact-finding and permanent record standpoint, it is regrettable that the U. S. Bureau of Mines cannot, after a term of years, make public the production figures of metals by individual mines obtained each current year as confidential information.

The mines of Nevada are required by law to report much more confidential information in giving not only the gross value of their production, but also operating costs and net proceeds or profit.

Over the years 1902 to 1930 the annual report of the State Controller gave this total information for each reporting mine paying a net proceeds tax.

The U. S. Government in collecting the corporation income tax of mining companies holds this net proceeds or profits as confidential information. Since 1930, the State Controller's reports show only the summation by counties of the value of the net proceeds of the mines. However, county newspapers often publish semiannual data on the tons and gross value production of the individual leading mines based on the semiannual net proceeds reports, but usually do not give the costs or net proceeds.

In these days it would be a rare case indeed to find a company that would object to the publication of a simple statement involving only its tonnage production and gross recovered value.

The Nevada Bureau of Mines in publishing this bulletin giving the gross production in tons and value recovered for individual mines and districts of the State based upon required reports, is simply giving a summation of figures already separately published or available separately over the years.

This was a work of tedious and meticulous compilation that was carried on over many months by the Secretary of the Bureau, Mr. Bertrand F. Couch, and set up by him in handy reference tables for the convenience and use of Nevada citizens. His training as a mine accountant and his characteristic persistency and accuracy peculiarly fitted him for this laborious task.

The first table gives the State's production by years for the period 1859-1940, inclusive, expressed in tons and dollar value. The second is a distribution of the total tons and dollars into county outputs, and the third a similar distribution into the mining districts of the State.

Following in alphabetical order are tables giving for each county its yearly production, production by mining districts and by separate properties, along with an historical summary of the county's mining history.

In addition to the tables based upon the production reports of metals and minerals made in money value only to the State there follows also tables based upon the United States Government figures on county production of the *metals only* by weight and value, as compiled since 1903. These tables give added specific data that is often desired. There is included also to complete the picture a history of mine taxation in Nevada.

The Bureau would be pleased to have submitted to it available data which indicates the production of any district or property exceeds the figure given in this bulletin. In turn, the Bureau has accumulated a great deal of information concerning production not included in this bulletin and will answer any inquiries to the best of its ability.

JAY A. CARPENTER,
*Director of Nevada
State Bureau of Mines.*

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SOURCES OF INFORMATION AND ACKNOWLEDGMENTS

The compilation of the mineral production figures contained in this report was begun in 1940.

These figures are taken from the net proceeds of mines, or "bullion" records, on file in the county offices, usually in the assessor's office. They list by quarterly periods the name of the shipper, or mine, gross tons produced, gross yield, deductions allowed for mining, treatment, transportation, etc., and the amount upon which the net proceeds tax was based. These records were found to be quite complete and well kept and in most of the counties date back to 1865, the year following the adoption of the State Constitution and laws providing that each mine file regular reports of the gross recovered value of its metal production.

The annual reports of the State Controller give the total production of each county, but in most of the years they do not show the individual producer and the district. A visit to every county seat in the State to obtain this detailed information was therefore necessary. This was done during the summer and fall of 1940, and the time consumed in copying and checking the data from the county records averaged from three to four days for each county. The compiling of the information in the attached tables along with return trips for checking purposes has taken all of the writer's time for two years in addition to his regular secretarial duties.

In some cases these production records were found in the vaults and thus easily accessible. In others, however, they were filed away in storerooms, in basements or attics and considerable time was spent in locating them. Much credit is due the county officials for their highly cooperative spirit and helpfulness.

In a few instances the county records were found to be incomplete for the period covered by this report, as for example in Lincoln County from 1929 to 1935; Storey County from 1859 to 1875, and White Pine County from 1869 to 1883. The data for these missing periods had to be taken from the following records:

U. S. Commissioner of Mining Statistics on the States and Territories West of the Rocky Mountains, 1870-1876, inclusive.

Reports of the State Mineralogist of Nevada, 1866-1878, inclusive.

Reports of the Director of the U. S. Mint.

Reports of the State Controller.

These particular records were themselves based in part upon quarterly reports furnished by the county assessors which in turn were based upon reports by the mining companies for bullion tax purposes and thus supplied the production records missing in the county files.

The Nevada Tax Commission was set up under an Act approved by the State Legislature March 17, 1915, and the commission began to function by 1916. Under this Act the net proceeds reports are sent direct to the Tax Commission for auditing, and in time a copy reaches the county assessor for the purpose of levying the tax at the rate prevailing at the mine's location. From 1916 to date the Tax Commission's record of mineral production is quite complete and was used to check many of the years included in this report, and the commission's unfailing courtesy is hereby acknowledged.

The writer wishes to express his appreciation of the kindly help and suggestions given by Director Jay A. Carpenter as to the subject matter and the form of presentation. It was at his request that this work was undertaken, and he has devoted much time and effort to it, and his assistance has been of inestimable value, due to his wide knowledge of the past and present history of mining in Nevada.

BERTRAND F. COUCH,
*Secretary Nevada State
Bureau of Mines.*

NEVADA'S METAL AND MINERAL PRODUCTION

1859-1940, INCLUSIVE

YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1859....	859	\$257,000	1898....	176,304	\$3,141,090
1860....	12,500	1,000,000	1899....	208,218	2,716,096
1861....	34,000	2,500,000	1900....	220,460	2,632,923
1862....	93,000	6,000,000	1901....	241,445	2,754,736
1863....	250,000	12,500,000	1902....	180,707	3,366,607
1864....	380,000	16,000,000	1903....	345,975	2,832,821
1865....	425,331	16,507,728	1904....	282,938	4,489,960
1866....	489,258	13,454,831	1905....	391,750	6,412,825
1867....	478,014	15,742,464	1906....	514,402	13,276,269
1868....	360,682	13,056,906	1907....	576,959	16,328,232
1869....	322,040	39,272,687	1908....	1,084,206	14,647,265
1870....	301,539	17,087,752	1909....	2,733,451	25,817,389
1871....	640,293	20,111,671	1910....	3,617,896	31,428,336
1872....	595,141	23,896,402	1911....	4,127,757	33,386,031
1873....	681,919	32,640,677	1912....	4,764,247	35,546,873
1874....	714,850	30,321,705	1913....	5,364,852	32,428,352
1875....	703,234	35,290,308	1914....	4,455,106	26,801,456
1876....	721,004	45,272,839	1915....	5,037,957	31,820,525
1877....	750,241	46,671,870	1916....	6,018,261	47,539,367
1878....	518,617	30,919,653	1917....	6,158,128	45,016,273
1879....	397,746	16,943,257	1918....	6,326,907	48,635,168
1880....	331,973	11,882,786	1919....	4,322,571	27,847,151
1881....	203,500	8,681,223	1920....	3,456,364	21,474,997
1882....	236,250	7,718,015	1921....	1,073,903	11,772,633
1883....	263,014	7,617,173	1922....	1,299,140	13,018,953
1884....	321,705	6,832,607	1923....	3,957,690	20,920,599
1885....	353,384	7,324,062	1924....	4,664,532	21,764,291
1886....	386,927	6,944,965	1925....	5,204,490	20,434,576
1887....	357,199	7,187,895	1926....	4,670,963	20,597,970
1888....	377,077	8,828,010	1927....	5,806,700	23,640,630
1889....	381,541	8,095,123	1928....	6,277,726	31,349,454
1890....	378,476	6,895,512	1929....	7,258,414	31,493,646
1891....	267,783	5,559,469	1930....	4,600,722	16,275,086
1892....	180,369	3,464,502	1931....	3,289,755	9,407,836
1893....	150,450	3,001,678	1932....	1,595,213	4,283,635
1894....	120,517	1,995,830	1933....	1,527,827	4,612,585
1895....	92,187	2,104,550	1934....	2,372,575	9,035,285
1896....	136,415	3,480,102	1935....	3,887,057	16,546,494
1897....	142,890	3,628,190	1936....	5,849,192	25,778,266

YEARLY SUMMARY—Continued

Year	Tons	Gross yield	Year	Tons	Gross yield
1937....	7,379,608	\$34,039,068	1940....	10,894,382	\$43,864,107
1938....	5,764,237	24,945,376			
1939....	6,782,411	31,379,445		168,265,323	\$1,442,150,119

This table brings out the periods of prosperity and depression in the mineral industry of the State. The first period of high production was in the sixties and seventies, due in great part to the Comstock. This period was followed by a low ebb from 1880 to 1900. With the discovery of Tonopah and Goldfield a new era of prosperity began, lasting through 1929. Then came the years of national depression with a production in 1932 as low as in the years of the nineties. Since then production has increased rapidly to a high figure of over \$40,000,000 in 1940. The years 1877 and 1916 are still the peak years with a production, respectively, of over forty-six and forty-seven millions.

COUNTY SUMMARY

County	Tons	Gross yield
Churchill.....	856,671	\$12,246,168
Clark.....	3,272,925	27,147,581
Douglas.....	3,402	292,388
Elko.....	2,186,355	37,992,372
Esmeralda.....	6,414,566	109,703,222
Eureka.....	3,039,485	64,621,688
Humboldt.....	1,033,616	12,668,354
Lander.....	688,783	27,733,601
Lincoln.....	3,528,287	60,007,250
Lyon.....	3,508,172	32,005,359
Mineral.....	1,384,306	55,427,337
Nye.....	10,705,235	187,332,496
Ormsby.....		
Pershing.....	3,112,453	25,799,581
Storey.....	15,765,706	384,705,213
Washoe.....	56,868	1,493,338
White Pine.....	112,708,493	402,974,171
	168,265,323	\$1,442,150,119

These county production figures include also the total production from all districts within their present borders that were formerly in other counties, and do not include those districts once formerly within their borders and now in other counties.

It is to be noted that White Pine County leads in production, with Storey County a close second, the two accounting for over one half of the State's production.

Nye and Esmeralda Counties also each exceed the one hundred million production figure, due to the great camps of Tonopah and Goldfield. Eureka, Lincoln, and Mineral Counties then follow in close succession.

DISTRICT SUMMARY

District	County	Tons	Gross yield
Acme (Fitting).....	Mineral.....	20	\$1,668
Antelope.....	Eureka.....	3,951	87,380
Antelope (Cedar).....	Pershing.....	880	122,535
Arden.....	Clark.....	774,172	2,363,731
Argenta.....	Lander.....	53,974	254,563
Arrowhead.....	Nye.....	225	4,755
Ash Meadows.....	Nye.....	66,386	1,147,142
Athens.....	Nye.....	2,411	53,319
Atlanta (Silver Park, Silver Springs).....	Lincoln.....	683	33,468
Aura (Bull Run, Centennial, Columbia).....	Elko.....	170,268	943,532
Aurora (Cambridge, Esmeralda).....	Mineral.....	669,962	31,409,013
Aurum (Silver Canyon, Ruby Hill, Schell Creek).....	White Pine..	6,346	181,948
Awakening.....	Humboldt...	48,161	459,334
Bald Mountain.....	White Pine..	34	2,663
Battle Mountain (Galena, Ban- nock, Copper Canyon, Tul- luride, Copper Basin).....	Lander.....	207,218	4,825,080
Bell (Omco, Cedar Mountain)....	Mineral.....	83,351	1,011,838
Bellehellen.....	Nye.....	438	29,473
Belmont (Philadelphia, Silver Bend, Spanish Belt, Barce- lona).....	Nye.....	58,846	3,790,518
Beowawe.....	Eureka.....	1,500	2,808
Bernice.....	Churchill....	3,112	155,679
Black Horse.....	White Pine.	5,476	18,484
Bottle Creek.....	Humboldt...	16,252	353,647
Bovard (Rand, Copper Mountain).....	Mineral.....	4,987	176,009
Bristol (Jack Rabbit).....	Lincoln.....	362,449	4,393,453
Broken Hills.....	Mineral.....	11,281	179,995
Bruner (Phonolite, Penelas)....	Nye.....	99,469	1,548,832
Buckhorn (Mill Canyon).....	Eureka.....	213,782	1,041,205
Buckskin.....	Douglas.....	84	79,264
Buena Vista (Basalt, Mt. Montgomery).....	Mineral.....	1,319	367,435
Buena Vista (Unionville).....	Pershing.....	69,291	2,677,005
Bullfrog (Beatty, Pioneer, Rhyolite).....	Nye.....	264,127	3,044,019
Bullion (Lander, Campbell)....	Lander.....	4,398	450,369
Caliente.....	Lincoln.....	584	16,619
Candelaria (Columbus, Belleville).....	Mineral.....	334,648	13,891,892

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
Carlin.....	Elko.....	928	\$7,881
Central.....	Humboldt...	880	29,005
Chalk Mountain.....	Churchill....	2,528	120,268
Cherry Creek (Egan Canyon, Gold Canyon).....	White Pine..	198,716	3,815,027
Chief.....	Lincoln.....	189	7,306
Churchill.....	Lyon.....	16,372	101,412
Comet.....	Lincoln.....	175	15,421
Como (Palmyra, Indian Springs).....	Lyon.....	94,673	511,540
Contact (Salmon River, Kit Carson, Porter).....	Elko.....	4,224	182,887
Cornucopia.....	Elko.....	27,128	1,200,184
Cortez.....	Eureka.....	325,554	6,375,839
Crescent.....	Clark.....	535	7,785
Cuprite.....	Nye.....	34	481
Currant.....	Nye.....	590	4,278
Danville.....	Nye.....	31	4,747
Delamar (Ferguson).....	Lincoln.....	1,277,505	14,133,824
Delano (Delno).....	Elko.....	13,243	223,597
Desert (White Plains).....	Churchill....	750	25,123
Diamond.....	Eureka.....	2,417	29,881
Diamondfield.....	Esmeralda..	1,806	52,305
Divide (Gold Mountain).....	Esmeralda..	124,639	4,227,235
Dixie Valley.....	Churchill....	11,200	235,773
Duck Creek (Success).....	White Pine..	807	25,580
Dyer.....	Esmeralda...	.....	231
Eagle (Regan, Tungstonia, Kern, Pleasant Valley).....	White Pine..	5,251	90,027
Eagle Valley (Fay, Stateline)....	Lincoln.....	42,018	285,465
Eagleville (Hot Springs).....	Churchill....	4,700	30,563
Eastgate:.....	Churchill....	2,767	60,987
East Walker (Mount Grant)....	Mineral.....	11,351	302,907
Echo (Rye Patch, Standard)....	Pershing.....	266,326	1,343,959
Eldorado (Colorado, Nelson)....	Clark.....	336,257	3,887,608
Elko.....	Elko.....	46	1,920
Ellendale.....	Nye.....	6,613	77,612
Ely (Robinson).....	White Pine..	111,898,882	382,464,292
Empire.....	Nye.....	6	1,057
Eureka (Ruby Hill, Pinto, Silverado).....	Eureka.....	1,837,615	52,288,024
Fairview.....	Churchill....	320,786	3,816,219
Fish Lake Valley (White Mountains).....	Esmeralda...	2,196	51,681
Flowery.....	Storey.....	346,958	3,686,248

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
Galena (Washoe).....	Washoe.....	844	\$476
Gardnerville (Eagle).....	Douglas.....	1,002	29,448
Garfield.....	Mineral.....	27,515	1,375,685
Gerlach.....	Pershing.....	1,070,519	2,316,627
Getchell, Potosi.....	Humboldt.....	658,733	4,821,915
Gilbert (Desert).....	Esmeralda.....	1,264	47,300
Golconda.....	Humboldt.....	19,462	187,930
Goldbanks.....	Pershing.....	5,607	95,922
Gold Basin.....	Lander.....	57	7,226
Gold Butte.....	Clark.....	21,195	51,510
Gold Circle (Midas).....	Elko.....	114,293	1,008,816
Gold Crater.....	Nye.....	40	1,208
Goldfield.....	Esmeralda.....	3,805,773	86,765,044
Gold Hill.....	Storey.....	5,555,344	100,631,930
Gold Park (Jackson).....	Lander.....	92	3,061
Gold Run (Adelaide, Crown).....	Humboldt.....	48,934	201,780
Goodsprings (Yellow Pine, Potosi).....	Clark.....	403,518	10,425,233
Granite (Mountain View, Reservation).....	Mineral.....	913	29,176
Granite Range.....	Washoe.....	5,325	69,497
Granite (Steptoe).....	White Pine.....	2,202	55,106
Groom.....	Lincoln.....	5,797	374,787
Hanapah (Volcano, Silverzone).....	Nye.....	1	146
Hawthorne (Lucky Boy, Pamlico).....	Mineral.....	31,050	1,086,301
Haystack.....	Pershing.....	1,577	53,472
Hilltop (Kimberly, Maysville).....	Lander.....	23,886	424,669
Hornsilver (Lime Point).....	Esmeralda.....	6,086	122,495
Hunter.....	White Pine.....	561	19,096
Imlay (Humboldt, Eldorado).....	Pershing.....	1,145	44,504
Indian.....	Pershing.....	4,633	39,688
Ivanhoe.....	Elko.....	4,099	13,671
Jarbridge.....	Elko.....	792,992	9,439,176
Jean.....	Clark.....	33,228	357,496
Jefferson Canyon.....	Nye.....	10,080	506,545
Jersey.....	Pershing.....	854	2,466
Johnnie.....	Nye.....	64,582	382,681
Jumbo (West Comstock).....	Washoe.....	1,200	5,000
Kennedy.....	Pershing.....	13,233	202,251
Kingston (Santa Fe, Bunker Hill, Victorine, Summit).....	Lander.....	1,037	18,726
Kinsley.....	Elko.....	134	6,681
Klondyke.....	Esmeralda.....	1,524	31,869

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
Las Vegas.....	Clark.....	99,829	\$2,559,600
Leadville.....	Washoe.....	3,719	541,671
Lee.....	Elko.....	20	1,200
Leonard Creek.....	Humboldt...	3,266	42,051
Lewis (Pittsburg, Dean, Mud Springs).....	Lander.....	188,460	3,188,805
Lida (Alida Valley, Tule Canyon).....	Esmeralda...	46,429	558,768
Lime Mountain.....	Elko.....	13,204	261,263
Lodi (Mammoth, Marble, Ellsworth).....	Nye.....	50,789	809,905
Loring (Lovelock, Willard).....	Pershing....	1,643	144,414
Lynn Creek.....	Eureka.....	.....	5,042
McCoy.....	Lander.....	8,133	56,270
Manhattan.....	Nye.....	377,349	6,999,507
Merrimac (Lone Mountain).....	Elko.....	2,780	177,203
Mill City (Central).....	Pershing....	812,824	7,483,024
Mineral Hill.....	Eureka.....	58,620	1,714,037
Minerva (Shoshone, Lexington).....	White Pine.	94,417	1,718,934
Moapa.....	Clark.....	239,655	577,901
Montello (Loray).....	Elko.....	5,527	117,955
Montezuma.....	Esmeralda...	1,266	140,432
Morey.....	Nye.....	5,643	462,972
Mound House.....	Lyon.....	.....	451,982
Mountain City (Cope, Van Duzer).....	Elko.....	617,305	14,173,086
Mountain House (Holbrook, Pinenut).....	Douglas.....	186	6,754
Mount Siegel.....	Douglas.....	57	3,510
Muddy Mountains.....	Clark.....	6,518	26,176
Mud Springs.....	Elko.....	718	6,537
National.....	Humboldt...	115,082	3,914,596
Newark (Strawberry).....	White Pine.	10,089	416,991
Newpass.....	Lander.....	.....	450
Nightingale.....	Pershing....	11,183	17,572
Northumberland.....	Nye.....	73,028	459,066
Oneota.....	Esmeralda...	638	11,654
Osceola.....	White Pine..	35,606	683,140
Pahranagat (Hiko).....	Lincoln.....	1,522	61,022
Palmetto.....	Esmeralda...	12,421	127,443
Paradise Valley.....	Humboldt...	49,286	1,545,362
Peavine (Reno, Crystal Peak).....	Washoe.....	30,530	160,128
Piermont.....	White Pine.	2,564	41,424
Pine Forest.....	Humboldt...	5,075	27,488
Pine Grove (Rockland, Wilson).....	Mineral.....	59,983	778,734

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
Pinto.....	White Pine..	1,363	\$96,772
Pioche (Ely, Highland).....	Lincoln.....	1,820,408	40,364,333
Placerites (Rabbit Hole).....	Pershing.....	10,177	327,145
Pyramid.....	Washoe.....	2,634	87,100
Railroad (Bullion).....	Elko.....	9,892	339,927
Railroad Springs.....	Esmeralda...	22	2,354
Ramsey.....	Lyon.....	11,061	373,325
Rawhide (Regent).....	Mineral.....	70,556	956,554
Rebel Creek (New Goldfields, Willow Creek).....	Humboldt...	1,123	69,333
Red Canyon (Silver Lake).....	Douglas.....	2,006	102,818
Reese River (Austin, Amador, Yankee Blade).....	Lander.....	201,528	18,494,209
Relief (Antelope Springs).....	Pershing.....	580	20,255
Reveille.....	Nye.....	8,261	610,982
Rhodes Marsh.....	Mineral.....	631	200,172
Rochester (Nenzel, Oreana).....	Pershing.....	731,771	7,125,789
Rosebud.....	Pershing.....	8,752	147,637
Round Mountain.....	Nye.....	728,211	7,834,828
Rowland.....	Elko.....	830	1,577
Sacramento.....	Pershing.....	780	7,819
Sacramento.....	White Pine..	8,623	71,618
Safford (Barth, Palisade).....	Eureka.....	547,034	2,019,892
Saint Thomas.....	Clark.....	16,062	84,208
San Antone (San Antonio, Royston).....	Nye.....	1,141	142,976
Sand Springs (Salt Springs Marsh).....	Churchill....	20,786	403,251
Santa Fe (Kincaid, Luning).....	Mineral.....	43,195	1,196,069
Sawtooth.....	Pershing.....	.....	1,370
Schroeder.....	Eureka.....	6,096	45,575
Scossa.....	Pershing.....	799	17,285
Searchlight.....	Clark.....	469,210	4,466,313
Secret Canyon.....	Eureka.....	33,958	722,840
Seven Troughs.....	Pershing.....	57,393	3,185,836
Sierra (Sunshine, Dun Glen, Chafey, Oro Fino).....	Pershing.....	34,104	297,589
Silver City (Chinatown, Devil's Gate, Dayton, Gold Canyon).....	Lyon.....	673,003	12,740,785
Silver Glance.....	Douglas.....	67	6,099
Silver Peak (Red Mountain, Mineral Ridge).....	Esmeralda...	1,767,248	13,080,780
Silver Star (Gold Range, Mina, Black Mountain, Marietta).....	Mineral.....	67,916	937,397
Sloan.....	Clark.....	872,442	2,336,419

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
Sodaville (Pilot Mountain).....	Mineral.....	16,695	\$1,375,483
Spring Valley.....	Eureka.....	1,219	62,466
Spring Valley.....	Lyon.....	2,064	29,400
Spring Valley.....	Pershing.....	4,600	12,169
Spruce Mountain.....	Elko.....	13,957	388,092
Star (Santa Clara).....	Pershing.....	1,950	22,758
Sulphur (Rabbit Hole).....	Humboldt...	15,369	381,723
Sunset (Lyons).....	Clark.....	304	3,601
Sylvania (Green Mountain).....	Esmeralda...	205	1,344
Table Mountain (Boyer, Cotton- wood Canyon, Bolivia).....	Churchill.....	200	19,000
Talapoosa.....	Lyon.....	980	12,401
Taylor.....	White Pine..	59,811	1,181,625
Teels Marsh.....	Mineral.....	8,916	929,743
Tem Piute.....	Lincoln.....	11,876	156,450
Tenabo.....	Lander.....	.....	10,173
Ten Mile.....	Humboldt...	3,295	29,375
Tokop (Bonnie Claire, Oriental Wash).....	Esmeralda...	77	1,644
Tolicha (Monte Cristo).....	Nye.....	122	1,807
Tonopah.....	Nye.....	8,093,422	146,336,102
Tonopah.....	Esmeralda...	303,987	2,634,299
Toy (Brown's).....	Churchill....	19,172	481,848
Trinity (Arabia).....	Pershing.....	282	10,621
Troy (Irwin Canyon).....	Nye.....	471	6,239
Tungsten.....	White Pine..	9,058	672,353
Tuscarora.....	Elko.....	390,808	9,415,930
Twin River.....	Nye.....	1,258	54,548
Tybo (Hot Creek).....	Nye.....	582,377	9,570,848
Union.....	Eureka.....	7,739	226,699
Union (Berlin, Grantsville, Ione).....	Nye.....	207,674	3,304,328
Varyville (Columbia, Bartlett Creek).....	Humboldt...	1,110	37,058
Virginia City.....	Storey.....	8,054,801	210,004,253
Virginia City and Gold Hill (Not divided).....	Storey.....	1,808,603	70,382,782
Ward.....	White Pine..	28,117	695,031
Warm Springs (Ashdown, Pueblo, Vicksburg).....	Humboldt...	39,201	371,194
Washington.....	Nye.....	7	476
Wedekind (Glendale).....	Washoe.....	2,350	73,126
Weepah (Lone Mountain).....	Esmeralda...	338,743	1,829,301
Wells.....	Elko.....	2,561	58,025
White Horse (Olinghouse).....	Washoe.....	10,266	520,040

DISTRICT SUMMARY—Continued

District	County	Tons	Gross yield
White Pine (Hamilton).....	White Pine.....	335,772	\$10,675,388
Wild Horse.....	Churchill.....	5,923	130,321
Willow Creek.....	Nye.....	31	2,557
Winnemucca.....	Humboldt...	7,956	193,541
Wonder.....	Churchill.....	464,747	6,678,481
Yerington (Ludwig, Mason)	Lyon.....	2,649,851	17,003,283
Unknown—			
No district specified.....	Churchill.....	.....	88,655
	Douglas.....	.....	64,495
	Elko.....	1,398	23,282
	Esmeralda...	242	17,043
	Humboldt...	431	3,022
	Lincoln.....	5,081	165,102
	Lyon.....	185	2,497
	Nye.....	1,572	138,542
	Pershing.....	1,550	53,869
	Washoe.....	.....	36,300
	White Pine..	4,798	48,672
		168,265,323	\$1,442,150,119

The total undistributed production listed as "unknown" is less than one twentieth of one percent of the total and, therefore, has little effect upon the accuracy of the district distribution.

The Bureau would be pleased to have submitted for filing, definite data available that indicates that the production of any district or property exceeds the figure given in this bulletin.

CHURCHILL COUNTY

Churchill County, one of the original counties, had up to 1864 a joint county seat with Lyon County, at Fort Churchill. Its separate county seat was first established at La Plata, then in 1868 was moved to Stillwater, then in 1908 to Fallon.

Production figures were obtained from the following sources:

1875-1906—From reports of the Director of the U. S. Mint, and from reports of the State Mineralogist of Nevada, and State Controller, as no county records were available.

1907-1940—From county records at Fallon.

Operations began in the Bernice district in 1883 and accounted for most of the county production until 1890, with a gross yield of more than \$150,000. In 1883 and 1884 small amounts came from the Desert district.

Between 1890 and 1906 very little production is recorded. In 1907 both the Fairview and Wonder districts became active as great silver-producing camps. Up to 1916 the Fairview district is credited with a production of more than \$3,500,000, with \$200,000 since. The peak was reached in 1912 with more than \$750,000 for the year.

The Wonder district is credited with a total of more than \$6,200,000 in the ten-year period ending with 1920, with a yearly average of over \$500,000, amounting to one half of the county's total production to date. Since 1920, most of the district's production, amounting to almost \$500,000, came in the years 1937-1940 from leasing operations.

The Toy district, a tungsten producer, is credited with nearly \$500,000 from the St. Anthony mine, mainly in 1915-1916. Of new districts, the Sand Springs district has contributed about \$400,000, most of which came in 1940 from the Summit King mine; the Dixie Valley district about \$250,000, mainly in gold and silver in the years 1934 to 1940, inclusive; and the Wild Horse, a quicksilver-producing district in the northeastern part of the county, \$130,000 for the year 1940. Chalk Mountain is credited with more than \$120,000, mainly for the late 1920's, and Eastgate with about \$61,000, mainly in the late 1930's.

It is to be noted that of the county's total production in this 82-year period, one half of it, or over \$6,000,000, was produced

in the five-year period of 1912-1916, inclusive. This was mainly from the Nevada Hills and Nevada Wonder mines.

MINERAL PRODUCTION OF CHURCHILL COUNTY, 1865-1940 YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*			1904.....		\$6,340
1866*			1905*		
1867*			1906*		
1868*			1907.....	8,459	866,748
1869*			1908.....	1,519	131,549
1870*			1909.....	578	51,428
1871*			1910.....	54	8,209
1872*			1911.....	19,330	367,564
1873*			1912.....	59,813	1,196,202
1874*			1913.....	128,252	1,023,723
1875.....		\$3,270	1914.....	114,463	1,132,633
1876*			1915.....	111,383	1,109,353
1877*			1916.....	127,215	1,601,794
1878*			1917.....	55,800	822,939
1879*			1918.....	50,200	697,327
1880*			1919.....	40,570	641,896
1881*			1920.....	40,600	629,818
1882*			1921*		
1883.....	184	34,829	1922*		
1884.....	375	45,000	1923*		
1885.....	1,808	66,564	1924*		
1886.....	502	15,440	1925.....	1,259	67,750
1887.....	243	14,096	1926.....	698	35,568
1888*			1927.....	544	14,973
1889.....	200	12,000	1928.....	421	12,860
1890.....		10,000	1929*		
1891.....		8,000	1930*		
1892.....		4,000	1931.....	210	2,775
1893.....		4,000	1932.....	2,480	16,123
1894*			1933.....	2,220	14,440
1895.....		7,000	1934.....	1,653	40,946
1896.....		7,000	1935.....	5,056	74,877
1897.....		5,500	1936.....	3,930	94,276
1898.....		5,500	1937.....	2,773	69,161
1899.....		6,300	1938.....	5,166	122,311
1900*			1939.....	23,737	253,978
1901.....		5,000	1940.....	44,976	858,363
1902.....		13,000			
1903.....		13,745		856,671	\$12,246,168

*No recorded production.

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Bernice.....	3,112	\$155,679
Chalk Mountain.....	2,528	120,268
Desert (White Plains).....	750	25,123
Dixie Valley.....	11,200	235,773
Eagleville (Hot Springs).....	4,700	30,563
Eastgate.....	2,767	60,987
Fairview.....	320,786	3,816,219
Sand Springs (Salt Springs Marsh).....	20,786	403,251
Table Mountain (Boyer, Cottonwood Canyon, Bolivia).....	200	19,000
Toy (Browns).....	19,172	481,848
Wild Horse.....	5,923	130,321
Wonder.....	464,747	6,678,481
Unknown.....		88,655
	856,671	\$12,246,168

DISTRICT PRODUCTION BY YEARS**BERNICE**

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1883.....	184	\$14,829
1884.....	175	22,750
1885.....	1,808	66,564
1886.....	502	15,440
1887.....	243	14,096
1889.....	200	12,000
1890.....		10,000
	3,112	\$155,679

DIXIE VALLEY**Gold-Silver**

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1934.....	1,653	\$40,946
1935.....	4,934	67,777
1936.....	2,484	35,927
1938.....		9,149
1939.....		16,835
1940.....	2,129	65,139
	11,200	\$235,773

EAGLEVILLE (Hot Springs)**Gold-Silver (Barite)**

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1932.....	2,480	\$16,123
1933.....	2,220	14,440
	4,700	\$30,563

EASTGATE**Silver, Gold, Lead**

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1936.....	295	\$10,229
1937.....	93	3,185
1938.....	90	2,341
1939.....	492	7,320
1940.....	1,797	37,912
	2,767	\$60,987

750 \$25,123

DISTRICT PRODUCTION BY YEARS—Continued

FAIRVIEW

	Gold, Silver, Lead, Copper	
Year	Tons	Gross yield
1907.....	8,370	\$859,584
1908.....	1,445	126,816
1909.....	578	51,428
1910.....	54	8,209
1911.....	9,533	217,447
1912.....	31,437	751,952
1913.....	92,986	510,413
1914.....	64,348	437,718
1915.....	50,465	297,732
1916.....	52,436	311,038
1919.....	.....	40,605
1935.....	122	7,100
1936.....	910	40,505
1937.....	1,458	21,398
1938.....	1,869	21,984
1939.....	2,206	48,806
1940.....	2,569	63,484
	320,786	\$3,816,219

WONDER

	Silver, Gold, Copper, Zinc	
Year	Tons	Gross yield
1907.....	89	\$7,164
1908.....	74	4,733
1911.....	9,797	150,117
1912.....	28,376	444,250
1913.....	35,266	513,310
1914.....	50,115	694,915
1915.....	58,394	751,193
1916.....	58,131	869,336
1917.....	55,800	822,939
1918.....	50,200	697,327
1919.....	40,570	601,291
1920.....	40,600	629,818
1927.....	394	10,883
1931.....	210	2,775
1936.....	241	7,615
1937.....	1,222	44,578
1938.....	2,552	79,226
1939.....	20,789	180,249
1940.....	11,927	166,762

SAND SPRINGS (Salt Springs Marsh)

Gold—Silver

1938.....	155	\$8,506
1940.....	20,631	394,745
	20,786	\$403,251

UNKNOWN

1875.....	.....	\$3,270
1891.....	.....	8,000
1892.....	.....	4,000
1893.....	.....	4,000
1895.....	.....	7,000
1896.....	.....	7,000
1897.....	.....	5,500
1898.....	.....	5,500
1899.....	.....	6,300
1901.....	.....	5,000
1902.....	.....	13,000
1903.....	.....	13,745
1904.....	.....	6,340

TABLE MOUNTAIN

(Boyer, Cottonwood Canyon, Bolivia)
Nickel, Cobalt, Copper, Gold, Lead,
Silver, Antimony (Kaolin, Oil
Shale, Gypsum)

1884.....	200	\$19,000
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TOY (Browns)

Tungsten

1915.....	2,524	\$60,428
1916.....	16,648	421,420
	19,172	\$481,848

\$88,655

WILD HORSE

Quicksilver

1940.....	5,923	\$130,321
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**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	Period	Tons	Gross yield
BERNICE—			
Antimony King & Lofthouse Mines..	1883–1890	3,112	\$155,679
CHALK MOUNTAIN—			
Chalk Mt. Silver-Lead Mining Co....	1925–1927	2,528	120,268
DESERT (White Plains)—			
Desert Queen	1883–1939	750	25,123
DIXIE VALLEY—			
Comstock-Keystone Mining Co.....	1934–1940	11,200	213,928
Hargrove Lease	1938–1939	.....	21,845
EAGLEVILLE (Hot Springs)—			
American Development Company....	1932–1933	4,700	30,563
EASTGATE—			
Kent, Ira L.	1939–1940	430	9,563
Schweis, W. H.	1936–1937	876	21,995
FAIRVIEW—			
Alexander, Otto J.....	1936	202	8,757
Fairview Eagle.....	1909	92	5,979
Nevada Hills Mining Company.....	1911–1919	310,200	3,622,197
Nevada Range Mines	1936–1938	3,022	66,479
Reorganized Silver King Divide Mining Company.....	1937–1938	1,135	15,751
SAND SPRINGS (Salt Springs Marsh)—			
Dan Tucker Extension	1940	287	11,162
Summit King Mines.....	1940	20,344	383,583
Taillener Development Association..	1938	155	8,506
TABLE MOUNTAIN (Boyer, Cotton- wood Canyon, Bolivia)—			
Lovelock, or Nickel Mine, and Azurite Nevada Queen Group..	1884	200	19,000
TOY (Browns)—			
St. Anthony Mines	1915–1916	19,172	481,848
WONDER—			
Curtis, Louise.....	1939	.....	6,653
Koocher & Goff Lease.....	1937–1940	1,040	18,041
MacKay, Fred.....	1936–1938	1,509	58,932
Nevada Wonder Mining Co.....	1911–1920	427,597	6,203,983
Shaw, Lloyd.....	1939–1940	1,097	17,550
Shaw, Glen.....	1939–1940	1,416	24,874
WILD HORSE—			
Wild Horse Quicksilver Co.....	1940	5,923	130,321
UNKNOWN—			
Soda production.....	1875–1904	.....	88,655

CLARK COUNTY

In February 1908 Clark County was formed from a part of Lincoln County.

Production figures were obtained from the following sources:

1865-1907—From county records at Pioche.

1908-1940—From county records at Las Vegas.

The principal production has come from three districts, Eldorado (Colorado), Searchlight, and Goodsprings (Yellow Pine). The two former produced gold and silver, and the latter mainly lead and zinc.

The Eldorado district was organized in 1861 as the "Colorado district." The principal operating company up to 1897 was the Southwestern Mining Company. The production of close to a million dollars came from the Techatticup, Wall Street, Quaker City, Mocking Bird, Jubilee, Honest Miner, Morning Star, Red Butte, Rover and other smaller mines. This company owned several mills and operated its own fleet of boats on the Colorado River to bring in supplies. Since 1897 the production made during the short periods of 1915-1919 and 1937-1940 have accounted for about two thirds of the district's total of close to four million.

The first important mining in the Searchlight district took place in the early 1900's to through 1910, producing about three million. More than a million of the district's four and a half million total production was recorded in the last six years, through 1940.

The Goodsprings (Yellow Pine) district with a recorded production of over \$10,000,000 is the county's most outstanding producer, accounting for 39 percent of the county's \$27,000,000. Activity began in the early nineties and it is still an important producer. The principal mines are the Yellow Pine, Potosi, Bass, Keystone, Chiquita, Hillside, and Hoosier. The Potosi is said to be the first lode mine discovered in Nevada, being worked by the Mormons as early as 1855.

The Las Vegas district totals a production of more than \$2,500,000, being principally manganese from the Three Kids mine.

Clark County has the record of being the leading county in the State in the production of the nonmetallic minerals, gypsum, limestone, and silica sand, coming from the Arden, Sloan, Jean, Moapa and St. Thomas districts.

The production of the county gradually increased from its first

recorded production in 1874 of but \$2,095 to between one and two million dollars a year during the war period of 1915-1918, inclusive. A recession followed, but in 1937-1940, inclusive, production again equaled that of the war period.

MINERAL PRODUCTION OF CLARK COUNTY, 1865-1940 YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865*			1904	25,307	\$414,019
1866*			1905	18,735	383,123
1867*			1906	77,939	764,508
1868*			1907	42,002	422,881
1869*			1908	46,937	235,591
1870*			1909	45,244	201,681
1871*			1910	31,864	190,791
1872*			1911	7,383	130,482
1873*			1912	24,116	568,627
1874	73	\$2,095	1913	27,047	610,889
1875*			1914	20,788	280,690
1876	80	8,572	1915	30,060	1,541,505
1877	302	17,428	1916	54,034	2,424,521
1878	548	38,759	1917	65,045	2,025,628
1879	175	3,581	1918	41,727	1,113,863
1880	700	18,249	1919	31,402	721,653
1881	1,229	41,736	1920	11,583	309,563
1882	1,801	71,434	1921	894	79,610
1883	1,954	70,354	1922	1,014	22,815
1884	1,908	74,509	1923	27,995	503,381
1885	1,910	67,424	1924	23,340	678,670
1886	1,520	55,193	1925	31,461	870,910
1887	1,016	26,576	1926	16,843	559,539
1888	1,995	43,755	1927	33,122	700,688
1889	2,777	63,489	1928	55,703	420,844
1890	3,779	100,747	1929	180,895	682,912
1891	3,360	72,124	1930	145,683	395,921
1892	3,962	60,614	1931	83,940	205,930
1893	2,173	68,125	1932	53,855	113,488
1894	4,127	113,523	1933	93,352	229,165
1895	975	4,789	1934	112,464	286,981
1896	900	3,284	1935	137,975	474,364
1897	4,569	32,027	1936	215,957	825,228
1898*			1937	301,934	1,273,944
1899	21	8,587	1938	251,365	1,181,065
1900*			1939	394,951	1,632,449
1901	5,744	67,556	1940	430,473	2,045,391
1902	14,938	181,524		3,272,925	
1903	15,960	308,217			\$27,147,581

*No recorded production.

DISTRICT SUMMARY

Arden.....	774,172	\$2,363,731
Crescent.....	535	7,785
Eldorado (Colorado, Nelson).....	336,257	3,887,608
Gold Butte.....	21,195	51,510
Goodsprings (Yellow Pine, Potosi).....	403,518	10,425,233
Jean.....	33,228	357,496
Las Vegas.....	99,829	2,559,600
Moapa.....	239,655	577,901
Muddy Mountains.....	6,518	26,176
Searchlight.....	469,210	4,466,313
Sloan.....	872,442	2,336,419
St. Thomas.....	16,062	84,208
Sunset (Lyons).....	304	3,601
	3,272,925	\$27,147,581

DISTRICT PRODUCTION BY YEARS

ARDEN		Year	Tons	Gross yield
Gypsum—Silica Sand		1876.....	80	\$8,572
Year	Tons	Gross yield		
1917.....	10,632	\$279,010	302	17,428
1918.....	5,536	113,872	548	38,759
1919.....	5,043	91,687	175	3,581
1928.....	41,121	154,270	700	18,249
1929.....	87,667	325,075	1,229	41,736
1930.....	73,489	175,826	1,801	71,434
1931.....	21,511	44,248	1,954	70,354
1933.....	18,987	39,325	1,910	67,424
1934.....	34,150	80,471	1,520	55,193
1935.....	55,655	122,289	1,016	26,576
1936.....	84,981	237,090	1,995	43,755
1937.....	76,235	163,441	2,777	63,489
1938.....	83,481	173,167	3,779	100,747
1939.....	88,953	182,308	3,357	71,365
1940.....	86,731	181,652	3,959	59,931
			1893.....	2,112
			1894.....	13,353
			1895.....	735
			1896.....	2,612
			1897.....	3,284
			1898.....	32,027
			1899.....	7,684
			1900.....	1,320
			1901.....	1,859
			1902.....	4,377
			1903.....	89,878
			1904.....	260,431
			1905.....	154,711
			1906.....	156,165
			1907.....	
			1908.....	
			1909.....	
			1910.....	
			1911.....	
			1912.....	
			1913.....	
			1914.....	
			1915.....	
			1916.....	
			1917.....	
			1918.....	

DISTRICT PRODUCTION BY YEARS—Continued

ELDORADO—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1919.....	12,352	\$404,189
1919.....	12,208	\$202,294	1920.....	7,462	209,808
1920.....	3,151	51,137	1923.....	10,008	230,579
1925.....	390	9,960	1924.....	13,717	367,941
1926.....	766	35,940	1925.....	12,340	318,952
1927.....	722	21,396	1926.....	2,120	79,231
1928.....	179	2,866	1927.....	7,124	140,132
1929.....	5,181	40,469	1928.....	4,008	115,107
1930.....	150	4,936	1929.....	2,855	69,477
1933.....	4,177	26,611	1930.....	553	13,502
1935.....	65	2,374	1931.....	284	5,993
1936.....	8,672	84,051	1932.....	305	568
1937.....	31,168	241,218	1933.....	2,051	8,532
1938.....	34,862	201,353	1934.....	219	15,691
1939.....	69,770	601,031	1936.....	11,088	122,004
1940.....	102,907	758,316	1937.....	30,787	333,516
	336,257	\$3,887,608	1938.....	25,506	411,925
			1939.....	32,372	265,713
			1940.....	23,452	235,249

GOLD BUTTE

Gold, Silver, Copper, Zinc					
1937.....	86	\$1,303		403,518	\$10,425,233
1939.....	14,426	28,698			
1940.....	6,683	21,509			
	21,195	\$51,510			

GOODSPRINGS (Yellow Pine, Potosi)

Zinc, Lead, Copper, Gold, Silver, Platinum					
1891.....	3	\$759	1909.....	274	\$8,934
1892.....	3	683	1911.....	52	2,078
1893.....	61	27,367	1915.....	1,098	44,253
1894.....	3,061	96,606	1917.....	2,945	157,326
1895.....	823	2,177	1918.....	1,248	75,659
1906.....	331	172,529	1919.....	252	12,823
1907.....	3,126	69,222	1929.....	173	770
1908.....	1,247	22,308	1930.....	5,696	10,887
1909.....	193	5,254	1931.....	1,836	3,386
1911.....	5,882	102,361	1932.....	3,016	5,666
1912.....	23,210	548,942	1935.....	4,396	8,198
1913.....	24,713	544,069	1936.....	4,351	10,622
1914.....	16,930	241,750	1938.....	3,728	8,095
1915.....	27,514	1,383,651	1939.....	4,163	8,799
1916.....	47,249	2,147,443		33,228	\$357,496
1917.....	41,778	1,385,259			
1918.....	8,791	326,744			

LAS VEGAS

Manganese					
1915.....	250	\$12,510			
1916.....	270	10,800			
1917.....	14,253	409,438			
1918.....	1,014	22,815			
1922.....					

DISTRICT PRODUCTION BY YEARS—Continued

LAS VEGAS—Continued		Year	Tons	Gross yield
Year	Tons	Gross yield	1912.....	903 \$18,230
1923.....	17,987	\$272,802	1913.....	1,934 64,961
1924.....	8,811	287,441	1914.....	2,186 26,868
1925.....	14,629	461,034	1915.....	1,148 22,502
1926.....	13,462	421,175	1916.....	551 3,369
1927.....	25,276	539,160	1917.....	2,287 38,522
1928.....	3,877	122,425	1918.....	1,618 31,985
	99,829	\$2,559,600	1919.....	1,547 10,660
			1920.....	970 48,618
MOAPA			1921.....	894 79,610
Gypsum			1924.....	812 23,288
1934.....	8,402	\$15,793	1925.....	4,102 80,964
1935.....	4,581	73,323	1926.....	495 23,193
1936.....	32,685	67,212	1932.....	392 1,317
1937.....	65,383	132,311	1933.....	3,011 23,200
1938.....	38,987	87,089	1934.....	1,153 14,590
1939.....	61,037	139,123	1935.....	1,798 92,232
1940.....	28,580	63,050	1936.....	1,240 102,678
	239,655	\$577,901	1937.....	1,858 143,983
			1938.....	2,470 138,149
MUDGY MOUNTAINS			1939.....	31,527 136,382
Borates, Gypsum, Silica Sand			1940.....	85,395 424,583
1928.....	6,518	\$26,176		
			469,210	\$4,466,313
SUNSET (Lyons)				
Gold				
1912.....	3	\$1,455	1914.....	1,160 \$7,538
1914.....	1	157	1929.....	85,019 247,121
1915.....	300	1,221	1930.....	65,795 190,770
1916.....	.....	768	1931.....	60,309 152,303
	304	\$3,601	1932.....	50,142 105,937
			1933.....	65,126 131,497
SEARCHLIGHT				
Gold—Silver				
1899.....	21	\$903	1934.....	68,540 160,436
1901.....	5,744	67,556	1935.....	71,480 175,948
1902.....	14,938	181,524	1936.....	72,940 201,571
1903.....	15,960	308,217	1937.....	80,383 229,875
1904.....	25,307	414,019	1938.....	62,331 161,287
1905.....	18,735	383,123	1939.....	92,703 270,395
1906.....	77,608	591,979	1940.....	96,514 301,741
1907.....	38,826	351,498		
1908.....	45,690	213,283	872,442	\$2,336,419
1909.....	44,777	187,493		
1910.....	31,864	190,791		
1911.....	1,449	26,043		
			16,062	\$84,208
ST. THOMAS				
Silica Sand, Magnesite, Gypsum				
1937.....			16,034	\$28,297
1940.....			28	55,911

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	Period	Tons	Gross yield
ARDEN—			
Arden Silica Company.....	1936-1940	162,834	\$542,562
Blue Diamond	1930-1940	600,894	1,302,442
Blood Harry.....	1935	2,230	8,665
Empire Zinc.....	1917-1919	21,211	484,569
U. S. Gypsum Company.....	1928-1940	133,554	513,799
ELDORADO—			
Austin Lease.....	1917	237	9,361
Buster Leasing Company.....	1937-1939	1,174	16,923
Colorado Mining & Milling.....	1915-1916	.....	125,783
Diamond Gold Mining Company....	1936-1940	111,671	605,826
Eldorado Canyon Mines.....	1885	.....	7,684
Eldorado River Mining Company..	1937-1940	74,669	552,888
Lucky Jim Mine.....	1882-1887	121	5,172
Nash, J. H.....	1876-1877	337	23,270
Southern Nevada Mining Co.....	1933	3,987	22,660
Stiles Brothers.....	1917-1930	3,437	81,798
Techatticup Mine.....	1877-1937	80,772	1,626,093
Tonopah Belmont Company.....	1940	510	34,874
Wall Street Mine.....	1884-1940	51,463	674,979
GOLD BUTTE—			
Lake Shore Mining Company.....	1937-1940	21,195	51,510
GOODSPRINGS—			
Alice Copper & Zinc Company.....	1914-1916	567	17,460
Annex Mine	1914-1918	411	15,788
Arentz & Perkins.....	1917-1918	2,179	80,386
Azurite Mine	1916	115	8,721
Boss Gold Mining Company.....	1914-1919	3,189	244,378
Columbia Mining Company.....	1914-1915	174	5,389
Campbell Estate.....	1915	531	6,390
Coppersides Mining Company.....	1917-1919	538	48,013
Chiquita Mining Company.....	1936-1940	105,115	1,002,263
Christmas Mine	1916	79	5,105
Donbee (?) Mine.....	1915	75	5,436
Dividend Mine.....	1915-1916	32	20,573
Fredrickson & Egger	1917-1918	151	10,000
Green Monster Mine.....	1916-1918	2,417	81,752
Goodsprings Anchor Company.....	1914-1931	8,863	434,930
Goodsprings Contact Company.....	1916	172	6,377
Ingomar Mine.....	1916-1926	966	54,897
June Bug Mine.....	1916	2,503	12,510
Keystone	1893-1895	3,945	126,150
Keystone Barefoot.....	1934-1940	9,773	112,605
Lead Point Mining Company.....	1915-1916	867	58,492
Monte Cristo Mine.....	1909-1918	490	28,028

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Mobile Mine	1915-1916	1,898	\$89,221
Magnolia Mine.....	1916-1917	226	9,234
Prairie Flower Development Co.....	1911-1918	354	6,728
Potosi Mine.....	1906-1927	72,027	1,664,666
Red Streak Copper Mining Co.....	1916-1918	125	11,322
Shenandoah Mine.....	1915-1916	731	42,108
Sultan	1915-1918	2,500	137,048
Suiger Lease.....	1916	210	45,249
Smith Brothers.....	1927-1928	820	17,672
Whale Mine	1915-1917	130	5,100
Yount & Fale.....	1909-1916	927	13,312
Yellow Pine Mining Company.....	1911-1940	175,457	5,785,174
JEAN—			
Bullion Mining Company.....	1916-1918	1,945	83,943
Goodsprings Anchor.....	1917-1919	2,627	166,837
Nevada Pacific Company	1929-1940	27,359	94,506
LAS VEGAS—			
Manganese Association.....	1917-1918	14,523	420,238
West End Mining Company.....	1922-1928	84,728	2,126,334
MOAPA—			
Moapa Minerals Company.....	1937-1939	22,820	44,427
Silica Sand Corporation.....	1936-1940	136,418	316,517
Veitch, Lloyd.....	1935-1937	72,015	201,164
MUDGY MOUNTAINS—			
Spartan Silica Company	1928	6,518	26,176
SEARCHLIGHT—			
Brockman Mines Company	1906	32,531	184,077
Blossom Mine.....	1902-1938	19,967	559,500
Burdick & Perkins	1920-1921	722	84,833
Colton Mines Company.....	1907	6,122	34,619
Chief of the Hills Mine.....	1910-1911	517	21,549
Cyrus Noble Mine.....	1904-1906	4,039	29,955
Calumet Gold Mining Company.....	1938-1939	1,683	30,872
Duplex Mining Company.....	1888-1937	13,681	249,303
Douglas Brothers.....	1933-1935	316	5,203
Games & Kirkeby	1938-1940	1,394	133,844
Golden Chariot Mine.....	1935	116	11,993
Hancock & Son.....	1932-1933	2,407	6,443
Mallin Investment Company.....	1935	.....	40,869
Mendenhall	1933-1935	442	7,973
Nevada-Keystone Mining Co.....	1902-1907	5,251	113,119
Quartette Mine.....	1901-1915	233,714	2,277,008
Rand Mine	1913-1929	10,797	101,557
Schumacher Wall Board Co.....	1939-1940	114,572	435,373
Searchlight Mining & Milling Co.....	1899-1915	5,880	39,247

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—*Continued*

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Valley Mining Company	1940	689	\$35,893
Wells, Ray & Lund.....	1917-1918	188	10,839
Waco Mine	1938	317	7,918
SLOAN—			
Nevada Lime & Cement Company..	1914	1,160	7,538
U. S. Lime Corporation.....	1929-1940	861,955	2,306,591
ST. THOMAS—			
Marledge & Veitch.....	1937-1940	16,062	84,208

DOUGLAS COUNTY

There are no mineral production records on file in the Douglas County offices in Minden. The figures in the attached tables were obtained from reports of the Director of the U. S. Mint. The metal production of Douglas and Ormsby Counties is nearly negligible compared with that of the other counties of the State.

The Red Canyon district, the largest producer in the county, was organized in 1863. The first production came from the Longfellow mine in this district, and is said to have been about \$50,000. The ore was hauled to Virginia City for treatment. In 1872 the Winters mine was discovered. It is reported to have had a production of only \$8,000.

The Gardnerville district was discovered as early as 1860. Exploration continued intermittently, but no production was recorded until 1903, and since totaled about \$30,000.

The Buckskin district was the second of importance. In 1937 the Ambassador Gold Mines, Ltd. was credited with a production of more than \$73,000.

During the late eighties and through the nineties over \$64,000 was reported from the mines of the county, but the records fail to state the districts it came from, and therefore is listed on the district production sheets as "Unknown."

MINERAL PRODUCTION OF DOUGLAS COUNTY, 1865-1940

YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865*	1881.....	.....	\$58,000
1866*	1882*.....	.....	.....
1867*	1883.....	.....	9,738
1868*	1884.....	.....	2,835
1869*	1885.....	.....	13,000
1870*	1886.....	.....	13,000
1871*	1887.....	.....	6,500
1872*	1888.....	.....	2,046
1873*	1889.....	.....	1,871
1874*	1890*.....	.....	.....
1875*	1891.....	.....	3,300
1876*	1892.....	.....	2,700
1877*	1893.....	.....	5,000
1878*	1894*.....	.....	.....
1879*	1895.....	.....	6,006
1880*	1896.....	.....	3,336

*No recorded production.

YEARLY SUMMARY—Continued					
Year	Tons	Gross yield	Year	Tons	Gross yield
1897.....		\$2,900	1920*.....		
1898.....		1,920	1921.....		\$131
1899.....		1,320	1922.....		641
1900.....		533	1923.....		1,474
1901.....		582	1924.....		2,145
1902.....		481	1925.....		430
1903.....	300	7,097	1926.....		2,957
1904.....	1,020	20,846	1927.....		2,159
1905.....	595	4,015	1928.....		1,094
1906*.....			1929.....		2,441
1907.....	57	1,838	1930*.....		
1908.....	272	3,362	1931.....		1,151
1909.....		1,085	1932.....	122	706
1910.....	23	582	1933.....	16	2,075
1911.....	44	2,005	1934.....	180	4,490
1912.....	104	2,852	1935.....	21	1,104
1913.....	44	1,643	1936.....	18	2,528
1914.....		1,511	1937.....		73,093
1915.....	146	3,381	1938.....	154	1,254
1916.....	84	1,585	1939.....	45	1,052
1917.....	23	1,510	1940.....	77	1,496
1918.....	57	1,587			
1919*.....				3,402	\$292,388

DISTRICT SUMMARY

	Tons	Gross yield
Buckskin.....	84	\$79,264
Gardnerville (Eagle).....	1,002	29,448
Mountain House (Holbrook, Pinenut).....	186	6,754
Mount Seigel.....	57	3,510
Red Canyon (Silver Lake).....	2,006	102,818
Silver Glance (Wellington).....	67	6,099
Unknown.....		64,495
	3,402	\$292,388

DISTRICT PRODUCTION BY YEARS

BUCKSKIN			GARDNERVILLE (Eagle)		
Year	Tons	Gross yield	Year	Tons	Gross yield
1916.....	84	\$1,585	1903.....		\$3,397
1924.....		2,145	1904.....		4,613
1929.....		2,441	1905.....	30	2,259
1937.....		73,093	1907.....	57	1,182
	84	\$79,264	1908.....	272	1,497
			1910.....	11	262

*No recorded production.

DISTRICT PRODUCTION BY YEARS—Continued

GARDNERVILLE—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1907.....	.....	\$656
1911.....	39	\$1,900	1908.....	.....	1,865
1912.....	74	2,281	1909.....	.....	1,085
1913.....	44	1,643	1910.....	12	320
1915.....	146	2,003	1911.....	5	105
1917.....	23	1,510	1912.....	30	571
1928.....	.....	1,094	1921.....	.....	131
1932.....	122	706	1926.....	.....	2,957
1933.....	16	2,075	1931.....	.....	1,151
1934.....	100	1,398	1934.....	51	300
1935.....	5	396	1935.....	5	222
1938.....	2	86	1936.....	18	2,528
1940.....	61	1,146			
				2,006	\$102,818
	1,002	\$29,448			

MOUNTAIN HOUSE

(Holbrook, Pinenut)

Gold, Silver

1922.....	.....	\$641
1923.....	.....	1,474
1925.....	.....	430
1927.....	.....	2,159
1935.....	10	291
1938.....	131	777
1939.....	45	982
	186	\$6,754

SILVER GLANCE (Wellington)

Gold, Silver, Copper

1884.....	.....	\$1,335
1915.....	.....	1,378
1934.....	29	2,792
1935.....	1	64
1938.....	21	180
1940.....	16	350
	67	\$6,099

UNKNOWN

1914.....	.....	\$1,511
1918.....	57	1,587
1935.....	.....	131
1938.....	.....	211
1939.....	.....	70
	57	\$3,510

RED CANYON (Silver Lake)

Gold, Silver, Lead

1881.....	.....	\$58,000
1883.....	.....	9,738
1884.....	.....	1,500
1903.....	300	3,700
1904.....	1,020	16,233
1905.....	565	1,756
		\$64,495

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
BUCKSKIN— Ambassador Gold Mines, Ltd.....	1937	.....	\$73,093
RED CANYON (Silver Lake)— Winters Mine & Longfellow Group..	1881-1936	2,006	102,818

ELKO COUNTY

Elko County was created on March 5, 1869. Until that time it had been a part of Lander County, which originally included about one third of the area of the State.

Production figures were obtained from the following sources:

1865-1870—No records available.

1871-1940—From the county records at Elko.

Small mining operations were carried on during the late sixties and in 1870, but production records were not kept until 1871.

The peak production during the early years, 1877-1879, came from the Tuscarora district, while that of more recent years came from Mountain City. The records show Mountain City (Cope) to be the largest producing district in the county with more than \$14,000,000 to its credit or three eighths of the county's production. Only a small amount was recorded prior to 1935, after which time the Rio Tinto mine became one of the State's large copper mines.

The Jarbridge and Tuscarora were the second largest producing districts, with approximately \$9,000,000 each.

Mining in the Jarbridge district began in 1913, but most of the production is recorded in the years 1917 to 1932, inclusive, with a yearly average of more than \$500,000 for that period. The Elkoro Mines Company is credited with over 83 percent of the district's production.

In the Tuscarora district mining operations began in 1875, and during the five years following recorded a production of more than \$3,000,000; and again during the short five-year period of 1888-1892 about an equal record was made. The principal mines were the Grand Prize, Navajo, Dexter, Commonwealth, Belle Isle, Independence, and Nevada Queen.

Next of importance were the Cornucopia, Gold Circle, and Aura districts. The Cornucopia's record of more than \$1,000,000 was mostly from the Leopard mine in the years 1875-1879. The Gold Circle district produced about the same amount from the Elko Prince, Esmeralda, Kansas, and Missing Link, all since 1911. The Aura district had nearly \$1,000,000 to its credit, mostly from 1901 to 1907, inclusive, produced from the Ina and Lucky Girl mines.

The production of nearly three million dollars a year in the last

five years of this period, mainly from the Rio Tinto mine, greatly exceeds the former peak of about one million dollars a year in the late seventies.

MINERAL PRODUCTION OF ELKO COUNTY, 1865-1940

YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865*			1904.....	15,000	\$82,415
1866*			1905.....	20,928	127,280
1867*			1906.....	18,800	133,246
1868*			1907.....	36,388	161,151
1869*			1908.....	29,800	92,854
1870*			1909*		
1871.....	3,730	\$123,957	1910*		
1872.....	1,110	58,480	1911.....	4,717	30,567
1873.....	991	50,470	1912.....	2,271	13,077
1874*			1913.....	318	7,142
1875.....	5,246	407,299	1914.....	4,360	73,173
1876.....	5,399	443,971	1915.....	3,379	53,711
1877.....	15,615	1,047,387	1916.....	24,027	470,345
1878.....	16,036	1,280,695	1917.....	23,855	669,226
1879.....	17,049	1,093,956	1918.....	47,476	807,978
1880.....	8,278	438,373	1919.....	56,806	851,047
1881.....	2,663	156,348	1920.....	56,934	585,985
1882.....	4,198	333,780	1921.....	51,528	756,076
1883.....	4,226	526,495	1922.....	45,586	596,238
1884.....	6,684	641,389	1923.....	41,175	378,276
1885.....	5,713	311,590	1924.....	60,570	612,471
1886.....	6,298	226,124	1925.....	58,893	627,870
1887.....	2,381	221,525	1926.....	37,724	429,928
1888.....	4,655	565,163	1927.....	32,396	410,494
1889.....	10,542	538,293	1928.....	63,635	681,516
1890.....	30,128	699,544	1929.....	52,848	710,819
1891.....	6,487	483,863	1930.....	57,559	536,579
1892.....	9,006	381,486	1931.....	63,617	531,328
1893.....	5,648	182,824	1932.....	42,359	417,197
1894.....	3,362	96,374	1933.....	13,118	97,463
1895.....	3,050	41,396	1934.....	5,179	55,984
1896.....	3,852	63,517	1935.....	27,715	637,180
1897.....	5,455	106,496	1936.....	78,794	1,930,660
1898.....	25,750	175,480	1937.....	195,121	4,245,214
1899.....	50,184	198,504	1938.....	92,877	1,439,641
1900.....	61,390	256,608	1939.....	169,040	3,494,759
1901.....	57,529	260,953	1940.....	163,819	3,363,740
1902.....	69,449	287,814			
1903.....	35,639	179,588		2,186,355	\$37,992,372

*No recorded production.

DISTRICT SUMMARY

	Tons	Gross yield
Aura (Bull Run, Centennial, Columbia).....	170,268	\$943,532
Carlin.....	928	7,831
Contact (Salmon River, Kit Carson, Porter).....	4,224	182,887
Cornucopia.....	27,128	1,200,184
Delano (Delno).....	13,243	223,597
Elko.....	46	1,920
Gold Circle (Midas).....	114,293	1,008,816
Ivanhoe.....	4,099	13,671
Jarbidge.....	792,992	9,439,176
Kinsley.....	134	6,681
Lee.....	20	1,200
Lime Mountain.....	13,204	261,263
Merrimac (Lone Mountain).....	2,780	177,203
Montello (Loray).....	5,527	117,955
Mountain City (Cope, Van Duzer).....	617,305	14,173,086
Mud Springs.....	718	6,537
Railroad (Bullion).....	9,892	339,927
Rowland.....	830	1,577
Spruce Mountain.....	13,957	388,092
Tuscarora.....	390,808	9,415,930
Wells.....	2,561	58,025
Unknown.....	1,398	23,282
	<hr/>	<hr/>
	2,186,355	\$37,992,372

DISTRICT PRODUCTION BY YEARS

ATTRA

CARLINT

(Bull Run, Centennial, Columbia)			Diatomaceous Earth		
	Gold, Silver, Lead, Zinc	Gross yield	Year	Tons	Gross yield
Year	Tons	Gross yield	1933.....	928	\$7,831
1871.....	12	\$1,064			
1879.....	825	18,000			
1900.....	1,062	11,775			
1901.....	4,638	53,570			
1902.....	28,623	146,716			
1903.....	20,030	124,981			
1904.....	12,000	72,000			
1905.....	16,800	119,600			
1906.....	18,800	133,246			
1907.....	34,530	143,216			
1908.....	29,800	92,854			
1936.....	2,085	16,867	1875.....	4,996	\$400,299
1937.....	1,063	9,643	1876.....	5,174	408,768
			1877.....	6,164	146,575
			1878.....	3,844	172,898
	170,268	\$943,532			

DISTRICT PRODUCTION BY YEARS—Continued					
CORNUCOPIA—Continued			JARBIDGE		
Year	Tons	Gross yield	Year	Tons	Gold, Silver
1879.....	947	\$24,908	1913.....	276	\$3,728
1882.....	1,851	8,904	1914.....	4,360	73,173
1938.....	2,250	20,059	1915.....	1,900	39,381
1939.....	1,902	17,773	1916.....	1,045	11,554
	27,128	\$1,200,184	1917.....	21,674	573,651
DELANO (Delno)			1918.....	47,430	806,179
Gold, Silver, Lead			1919.....	56,806	851,047
1926.....	2,650	\$38,121	1920.....	55,460	536,499
1927.....	4,222	43,344	1921.....	51,528	756,076
1928.....	2,074	25,396	1922.....	45,586	596,238
1936.....	1,479	38,144	1923.....	41,175	378,276
1937.....	1,483	41,269	1924.....	60,570	612,471
1938.....	63	2,686	1925.....	56,420	571,592
1939.....	840	22,306	1926.....	32,335	350,490
1940.....	432	12,331	1927.....	28,095	365,115
	13,243	\$223,597	1928.....	46,831	531,924
ELKO			1929.....	52,120	689,208
Oil Shale			1930.....	57,559	536,579
1917.....		\$121	1931.....	63,617	531,328
1918.....	46	1,799	1932.....	40,517	395,822
	46	\$1,920	1933.....		1,531
GOLD CIRCLE (Midas)			1934.....	997	4,982
Gold, Silver			1935.....	200	3,186
1911.....	4,717	\$30,567	1936.....	345	105,372
1912.....	2,271	13,077	1937.....	26,146	113,774
1915.....	1,479	14,330			
1916.....	19,394	323,645	792,992	\$9,439,176	
1928.....	14,701	123,882	KINSLEY		
1932.....	385	5,768	Silver, Copper, Lead		
1933.....	11,490	86,785	1886.....	8	\$591
1934.....	4,052	50,741	1887.....	126	6,090
1935.....	6,777	74,640			
1936.....	5,758	82,598	1871.....	20	\$1,200
1937.....		2,866	LEE		
1938.....	13,817	47,942	Copper		
1939.....	20,759	93,645	1871.....	20	\$1,200
1940.....	8,693	58,330	LIME MOUNTAIN		
	114,293	\$1,008,816	Copper, Gold, Silver		
IVANHOE			1937.....	3,169	\$70,262
Mercury			1938.....	5,299	109,026
1940.....	4,099	\$13,671	1939.....	3,396	58,104
			1940.....	1,340	23,871
			18,204		\$261,263

DISTRICT PRODUCTION BY YEARS—Continued

MERRIMAC (Lone Mountain)

Lead, Silver, Copper, Gold

Year	Tons	Gross yield
1938.....	377	\$7,116
1939.....	1,160	38,193
1940.....	1,243	131,894
	2,780	\$177,203

MONTELLO (Loray)

Silver, Lead, Copper

1920.....	237	\$9,180
1926.....	2,650	39,118
1928.....	29	314
1935.....	1,047	28,770
1936.....	1,564	40,573
	5,527	\$117,955

MOUNTAIN CITY (Cope, Van Duzer)

Copper, Gold, Silver, Lead, Zinc

1871.....	2,178	\$89,032
1872.....	642	33,344
1873.....	378	33,000
1876.....	123	6,641
1879.....	1,544	85,192
1880.....	2,141	102,119
1883.....	185	15,022
1887.....	19	4,756
1905.....	300	1,950
1907.....	1,858	17,935
1932.....	1,457	15,607
1935.....	19,691	530,458
1936.....	67,563	1,647,106
1937.....	160,977	3,972,064
1938.....	70,374	1,240,138
1939.....	140,040	3,255,868
1940.....	147,835	3,122,854
	617,305	\$14,173,086

RAILROAD (Bullion)

Silver, Gold, Copper, Lead, Zinc

Year	Tons	Gross yield
1871.....	380	\$15,561
1872.....	468	25,136
1873.....	613	17,470
1883.....	891	25,200
1884.....	331	26,741
1885.....	2,103	99,349
1886.....	3,953	101,475
1887.....	680	17,600
1905.....	210	2,387
1916.....	69	5,943
1939.....	194	3,065
	9,892	\$339,927

ROWLAND

Gold

1933.....	700	\$1,316
1934.....	130	261
	830	\$1,577

SPRUCE MOUNTAIN

Lead, Copper, Silver, Gold

1871.....	1,140	\$17,100
1885.....	1,388	34,570
1886.....	1,637	43,096
1887.....	285	10,232
1899.....	222	13,392
1900.....	1,962	85,097
1901.....	2,679	46,589
1902.....	562	14,809
1917.....	801	33,696
1920.....	1,237	40,306
1925.....	735	16,361
1937.....	1,012	24,170
1938.....	297	8,674
	13,957	\$388,092

MUD SPRINGS

Lead, Zinc, Silver

1926.....	89	\$2,199
1927.....	79	2,035
1939.....	373	1,514
1940.....	177	789
	718	\$6,537

TUSCARORA

Silver, Gold

1875.....	250	\$7,000
1876.....	102	28,562
1877.....	9,451	900,812
1878.....	12,192	1,107,797
1879.....	13,733	965,856
1880.....	6,137	336,254

DISTRICT PRODUCTION BY YEARS—Continued			
TUSCARORA—Continued		Year	Tons
Year	Tons	Gross yield	
1881.....	2,663	\$156,348	1902..... 40,264
1882.....	2,347	324,876	1903..... 15,609
1883.....	3,150	486,273	1904..... 3,000
1884.....	6,353	614,648	1905..... 3,618
1885.....	2,222	177,671	1935..... 126
1886.....	700	80,962	1937..... 1,271
1887.....	1,271	182,847	1938..... 390,808
1888.....	4,655	565,163	
1889.....	10,542	538,293	
1890.....	30,128	699,544	
1891.....	6,487	483,863	1916..... 823
1892.....	9,006	381,486	1925..... 1,738
1893.....	5,648	182,824	
1894.....	3,362	96,374	
1895.....	3,050	41,396	
1896.....	3,852	63,517	
1897.....	5,455	106,496	1917..... 622
1898.....	25,750	175,480	1938..... 400
1899.....	49,962	185,112	1939..... 376
1900.....	58,366	159,736	
1901.....	50,212	160,794	

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

AURA (Bull Run, Centennial, Columbia)—	Period	Tons	Gross yield
Centennial Gold Mining Company..	1936–1937	3,085	\$24,473
Columbia Consolidated Mining Co..	1879	825	18,000
Ina Mine	1900–1903	15,903	150,087
Lucky Girl Mine	1902–1908	150,325	745,342
CONTACT (Salmon River, Kit Carson, Porter)—			
Seattle Cont. Copper Co.	1913–1917	3,496	161,276
Silver Circle Mine.....	1929	728	21,611
CORNUCOPIA—			
Hussey Mining Company.....	1877–1878	1,560	82,974
Leopard Mine.....	1875–1879	19,515	1,032,065
Panther Mine	1877	50	6,743
Whitney & Vesey Mill.....	1882	1,851	8,904
DELANO (Delno)—			
Leasers.....	1939–1940	1,166	31,373
McWharter.....	1937–1939	271	12,485
Marshall & Schmidt.....	1936–1937	2,208	56,496
Panther Mine.....	1926–1928	8,946	106,861
Ward & Schmidt.....	1937	652	16,382

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
GOLD CIRCLE (Midas)—			
Buena Gold Mining Company.....	1932–1935	2,741	\$34,406
Eastern Standard	1933–1935	2,265	9,218
Elko Prince Mining Company.....	1915–1916	20,873	337,975
Esmeralda Gold Mining Company..	1937–1940	13,894	69,721
Gold Circle Mines.....	1928–1940	55,231	384,598
Miners Gold Mining Company.....	1933	629	20,977
Noble Gold Mining Company.....	1935	3,270	47,126
Prunty & Williamson.....	1938–1940	195	20,605
Rand Company	1939–1940	2,269	17,626
Rex Mine.....	1911–1912	6,988	43,644
IVANHOE—			
Governor Mercury Company.....	1940	3,969	12,767
JARBIDGE—			
Alpha Mine.....	1923–1926	1,031	12,512
Bluster Consolidated Mine.....	1916–1929	13,446	74,374
Elko Prince Mining Company.....	1917–1922	66,211	1,358,501
Elkoro Mines Company.....	1913–1937	703,046	7,833,174
Speiran	1936–1937	575	5,962
Success Mine.....	1927–1929	1,235	16,993
KINSLEY—			
Morning Star Mine.....	1886–1887	134	6,681
LIME MOUNTAIN—			
Lime Mt. Consolidated Mining Co... 1937–1940		13,204	261,263
MERRIMAC (Lone Mountain)—			
Rip Van Winkle Mining Co.....	1938–1940	2,780	177,203
MONTELLO (Loray)—			
Delno Mining & Milling Company.. 1928–1936		2,380	62,215
MOUNTAIN CITY (Cope, Van Duzer)—			
Argenta Silver Mining Company.... 1870–1883		4,442	213,509
Excelsior Mine.....	1871–1872	988	46,962
Grant & Patterson.....	1871	132	5,217
Hunter Mine.....	1873	378	33,000
Independent Mining Company..... 1871–1872		196	29,154
Luckhart, Charles	1939–1940	927	8,947
Morrison	1940	.....	18,459
Mountain City Copper Company.... 1932–1940		606,034	13,749,886
Mt. Laurel Mine.....	1876	113	5,815
Protection Mine	1907	1,858	17,935
RAILROAD (Bullion)—			
Edward Reilley Mine.....	1883	891	25,200
Elko Consolidated Mines.....	1884–1886	2,434	122,558
Ella Mine	1871–1872	533	27,996
Empire City Mining Company..... 1871–1873		847	26,830
Nevada Bunker Hill.....	1916	69	5,943
Standing Elk Mine.....	1886–1887	4,633	111,400

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

SPRUCE MOUNTAIN—	Period	Tons	Gross yield
Ida H. Mine.....	1886–1887	122	\$10,588
Ingot Mining Company.....	1871	1,140	17,100
Jumbo Mine	1886–1887	1,800	42,740
Missouri Monarch Mining Co.....	1937–1938	1,309	32,844
Monarch Mining Company.....	1899–1902	4,056	156,123
Spruce Monarch Mining Company..	1917	.....	33,696
Wells Mining Company.....	1885	1,388	34,570
TUSCARORA—			
Bell Isle.....	1879–1891	6,967	640,991
Commonwealth Mine.....	1887–1901	23,469	678,111
Coptis Mine.....	1891	791	94,135
DeFrees Mine.....	1878–1882	1,213	27,159
Del Monte	1890–1892	275	25,559
Dexter Mine	1890–1905	253,741	1,265,063
Eira Mine	1889–1898	1,270	99,172
Ennor Mine.....	1887	12	7,439
Frank & Marguerite	1891	33	13,500
Grand Prize Mine	1876–1890	32,923	2,546,384
Hostetter.....	1937	1,271	11,166
Independence Mine.....	1878–1886	10,169	606,137
Lancaster Mine.....	1880	1,617	16,512
May Queen	1885	57	15,498
Navajo Mine.....	1877–1895	16,267	1,732,536
Nevada Queen	1887–1901	10,308	390,623
North Bell Isle.....	1880–1893	6,028	638,741
North Commonwealth Mine.....	1890–1892	8,912	262,497
Poorman Mine	1893–1895	419	6,219
Union Mill Company.....	1893–1895	7,489	97,975
Young America Mine	1875–1890	893	110,241
WELLS—			
Black Forest Mine.....	1925	1,738	39,917
Nevada Zinc Mining Company.....	1916	823	18,108
UNKNOWN—			
Leasers	1939	666	7,997

ESMERALDA COUNTY

Production figures were obtained from the following sources:

1865-1870—From reports of the Director of the U. S.

Mint and U. S. Commissioner of Mining Statistics
on the States and Territories West of the Rocky
Mountains. No county records available.

1877-1884—From reports of the Director of the U. S.
Mint and State Controller, as no county records are
available.

1871-1876 and 1885-1940—From county records at
Goldfield.

Most of the production of Esmeralda County has come from
three districts, Goldfield, Silver Peak, and Divide.

Goldfield, with \$86,750,000 has to its credit 80 percent of the
county's \$110,000,000. The camp was discovered in 1902, but
production did not begin until the end of 1903. During the years
1906-1915, inclusive, the camp produced more than \$69,000,000,
or a yearly average of almost \$7,000,000. The peak was reached
in 1910, with a total of \$10,750,000 for that year. The lowest
recorded production of but about \$26,000 came in 1926. For the
14-year period of 1927-1940, inclusive, a yearly average of more
than \$400,000 has been made.

The Silver Peak district was a substantial producer between
1908 and 1915, with a yearly average of \$750,000. From 1915
to 1934 there was but a small annual production, but beginning
with 1934 it gradually increased, and in 1938-1939 reached a
yearly average of almost \$2,000,000.

The Divide district, the third largest producer, reported only
small amounts between 1912 and 1918; however, in the five-year
period beginning with 1919, a yearly average of more than
\$400,000 was attained.

The Weepah district is credited with nearly a two-million-dollar
production with three quarters of this amount produced over the
three-year period 1936-1938.

Esmeralda County has some of the oldest mining districts in
the State in the Columbus Marsh, Montezuma, Palmetto, Silver
Peak, and Tokop districts, all discovered in the sixties.

The years of the county's greatest production of over eleven
million dollars a year occurred in 1910 and 1911, coinciding with
the best years of the Goldfield and Silver Peak districts.

MINERAL PRODUCTION OF ESMERALDA COUNTY, 1865-1940
YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*	.....	.....	1904.....	1,580	\$880,212
1866*	.....	.....	1905.....	11,419	1,191,236
1867.....	1	\$432	1906.....	69,776	6,719,889
1868.....	5	1,028	1907.....	76,276	7,781,038
1869.....	11	2,225	1908.....	225,646	5,058,548
1870.....	76	8,203	1909.....	440,810	9,873,218
1871.....	403	58,161	1910.....	511,811	11,552,722
1872.....	24	5,310	1911.....	557,386	10,823,913
1873.....	304	57,634	1912.....	534,245	6,868,007
1874.....	618	19,731	1913.....	540,752	5,881,134
1875.....	946	30,543	1914.....	485,538	5,298,179
1876.....	850	45,780	1915.....	496,285	4,973,491
1877.....	725	24,450	1916.....	381,280	3,009,955
1878.....	1,405	109,142	1917.....	266,764	2,235,716
1879*	.....	.....	1918.....	211,562	2,944,922
1880*	.....	.....	1919.....	28,952	1,087,203
1881.....	.....	59,144	1920.....	21,383	599,772
1882*	.....	.....	1921.....	21,410	758,126
1883*	.....	.....	1922.....	28,058	871,595
1884.....	200	6,000	1923.....	17,342	520,198
1885.....	1,257	11,919	1924.....	14,479	254,062
1886.....	334	9,813	1925.....	14,315	206,105
1887.....	1,706	44,480	1926.....	19,787	427,945
1888.....	1,975	32,826	1927.....	82,544	1,320,591
1889.....	290	2,474	1928.....	56,987	1,042,961
1890*	.....	.....	1929.....	73,896	932,161
1891.....	136	5,271	1930.....	101,206	1,174,418
1892*	.....	.....	1931.....	660	294,907
1893*	.....	.....	1932.....	3,333	373,452
1894*	.....	.....	1933.....	5,848	429,434
1895.....	934	17,621	1934.....	17,938	766,462
1896.....	4,449	79,866	1935.....	38,270	885,767
1897*	.....	.....	1936.....	141,309	2,242,856
1898*	.....	.....	1937.....	170,878	2,249,822
1899*	.....	.....	1938.....	308,147	2,915,361
1900*	.....	.....	1939.....	258,884	2,701,867
1901*	.....	.....	1940.....	160,108	1,764,478
1902*	.....	.....	
1903.....	1,053	159,446		6,414,566	\$109,703,222

DISTRICT SUMMARY

	Tons	Gross yield
Diamondfield.....	1,806	\$52,305
Divide (Gold Mountain).....	124,639	4,227,235
Dyer.....	.....	231

*No recorded production.

DISTRICT SUMMARY—Continued		Tons	Gross yield
Fish Lake Valley (White Mountains).....	2,196	\$51,681	
Gilbert (Desert).....	1,264	47,300	
Goldfield.....	3,805,773	86,765,044	
Hornsilver (Lime Point).....	6,086	122,495	
Klondyke.....	1,524	31,869	
Lida (Alida Valley, Tule Canyon).....	46,429	558,768	
Montezuma.....	1,266	140,432	
Oneota.....	638	11,654	
Palmetto.....	12,421	127,443	
Railroad Springs.....	22	2,354	
Silver Peak (Red Mountain, Mineral Ridge)....	1,767,248	13,080,780	
Sylvania (Green Mountain).....	205	1,344	
Tokop (Bonnie Claire, Oriental Wash).....	77	1,644	
Tonopah (within Esmeralda County lines).....	303,987	2,634,299	
Weepah (Lone Mountain).....	338,743	1,829,301	
Unknown.....	242	17,043	
	6,414,566	\$109,703,222	

DISTRICT PRODUCTION BY YEARS

DIAMONDFIELD		Year	Tons	Gross yield
Silver, Gold, Lead		1920.....	10,189	\$243,664
Year	Tons	Gross yield	1921.....	14,158
1911.....	1	\$124	1922.....	19,398
1913.....	29	2,041	1923.....	11,869
1914.....	227	4,946	1924.....	403
1915.....	89	2,396	1925.....	1,727
1916.....	41	1,762	1926.....	11,376
1917.....	124	3,496	1927.....	6,493
1922.....	114	3,123	1928.....	8,106
1923.....	245	5,267	1929.....	4,958
1924.....	615	13,778	1931.....	79
1925.....	321	15,079	1932.....	159
1926.....	.....	293	1933.....	1,642
	1,806	\$52,305	1934.....	4,656
DIVIDE (Gold Mountain)		1935.....	5,471	157,520
Silver, Gold, Lead		1936.....	2,330	224,725
1874.....	5	\$1,483	1937.....	1,842
1912.....	1,332	23,872	1938.....	1,685
1913.....	191	4,476	1939.....	1,280
1914.....	144	3,495	1940.....	3,058
1915.....	47	2,640		124,639
1916.....	101	3,993		\$4,227,235
1917.....	80	1,366		DYER
1918.....	1,222	27,034	1925.....	Gold, Silver, Lead
1919.....	10,638	449,083		\$231

DISTRICT PRODUCTION BY YEARS—Continued

FISH LAKE VALLEY (White Mountains)		Year	Tons	Gross yield
Year	Tons	Gross yield		
1872.....	4	\$382	1924.....	8,586 \$155,775
1874.....	1	171	1925.....	7,474 75,313
1885.....	.....	5,700	1926.....	929 25,922
1886.....	.....	4,080	1927.....	939 452,202
1927.....	51	4,992	1928.....	4,698 418,520
1930.....	2,140	36,356	1929.....	4,072 373,923
	2,196	\$51,681	1930.....	580 328,110
			1931.....	581 287,823
			1932.....	3,174 316,236
			1933.....	1,804 216,657
			1934.....	4,517 312,386
GILBERT (Desert)		1935.....	1,966 300,032	
Gold, Silver, Copper, Lead		1936.....	8,641 820,042	
1924.....	44	\$1,014	1937.....	6,295 602,206
1925.....	195	9,953	1938.....	6,159 462,203
1926.....	456	11,658	1939.....	3,994 545,513
1927.....	335	11,535	1940.....	2,512 205,023
1929.....	132	5,741		
1940.....	102	7,399		
	1,264	\$47,300		
			3,805,773	\$86,765,044
GOLDFIELD		HORNSILVER (Lime Point)		
Gold, Silver, Copper, Lead		Gold, Silver, Lead, Zinc, Copper		
1903.....	63	\$14,804	1908.....	420 \$16,800
1904.....	1,537	874,789	1909.....	288 14,662
1905.....	11,251	1,169,341	1911.....	293 6,188
1906.....	69,544	6,690,385	1913.....	58 909
1907.....	76,276	7,781,038	1914.....	1 96
1908.....	139,514	4,355,160	1915.....	1,700 49,753
1909.....	289,163	8,956,204	1916.....	608 13,445
1910.....	337,949	10,711,664	1917.....	2,597 15,735
1911.....	375,060	9,916,851	1921.....	----- 3,375
1912.....	362,917	6,109,865	1940.....	121 1,532
1913.....	369,684	5,149,466		
1914.....	371,908	4,803,834		
1915.....	448,703	4,667,169	6,086	\$122,495
1916.....	365,369	2,932,226		
1917.....	263,963	2,215,119		
1918.....	210,227	2,916,725		
1919.....	17,502	626,469		
1920.....	11,181	352,836		
1921.....	5,313	256,155		
1922.....	8,096	294,269		
1923.....	3,632	72,779	1,524	\$31,869

DISTRICT PRODUCTION BY YEARS—Continued

LIDA (Alida Valley, Tule Canyon)

Gold, Silver, Lead, Copper

Year	Tons	Gross yield
1871.....	2	\$941
1872.....	2	908
1873.....	278	50,505
1874.....	597	14,885
1875.....	930	27,808
1876.....	830	45,300
1877.....	535	10,286
1878.....	1,186	92,706
1881.....	.....	15,000
1885.....	770	1,637
1913.....	5	676
1914.....	16	264
1916.....	45	2,040
1935.....	1,073	10,055
1936.....	10,066	42,952
1937.....	1,298	7,185
1938.....	6,278	56,385
1939.....	12,027	80,457
1940.....	10,491	98,778
	46,429	\$558,768

MONTEZUMA

Gold, Silver, Lead, Copper

1867.....	1	\$432
1868.....	5	1,028
1869.....	11	2,225
1870.....	76	8,203
1871.....	401	57,220
1872.....	18	4,020
1873.....	19	5,567
1874.....	11	2,475
1875.....	16	2,735
1877.....	190	14,164
1881.....	.....	16,575
1884.....	100	3,000
1887.....	176	14,090
1913.....	242	8,698
	1,266	\$140,432

ONEOTA (Buena Vista, Basalt,
Mt. Montgomery)

Silver, Lead, Gold, Copper

1913..... 638 \$11,654

PALMETTO

Gold, Silver, Lead, Copper

Year	Tons	Gross yield
1916.....	17	\$891
1924.....	8	376
1939.....	6,768	62,281
1940.....	5,628	63,895
	12,421	\$127,443

RAILROAD SPRINGS

Gold, Silver, Copper

1912.....	4	\$267
1913.....	11	828
1916.....	7	1,259
	22	\$2,354

SILVER PEAK

(Red Mountain, Mineral Ridge)

Gold, Silver, Lead

1873.....	7	\$1,562
1874.....	4	717
1881.....	.....	27,569
1884.....	100	3,000
1885.....	487	4,582
1886.....	331	5,606
1887.....	1,530	30,390
1888.....	1,975	32,826
1889.....	290	2,474
1891.....	136	5,271
1895.....	934	17,621
1896.....	4,449	79,866
1908.....	85,712	686,588
1909.....	151,359	902,352
1910.....	173,862	841,058
1911.....	182,032	900,750
1912.....	169,932	732,803
1913.....	169,560	692,707
1914.....	113,242	485,544
1915.....	45,746	251,533
1916.....	14,874	48,804
1919.....	812	11,651
1921.....	1	435
1922.....	188	3,613
1923.....	1,138	22,701
1924.....	685	20,747
1925.....	893	20,463

DISTRICT PRODUCTION BY YEARS—*Continued*

SILVER PEAK—Continued		Year	Tons	Gross yield
Year	Tons			
1926.....	1,211	\$43,126	1925.....	3,705
1927.....	1,013	25,560	1926.....	5,815
1928.....	2,887	64,971	1927.....	72,925
1929.....	1,581	21,467	1928.....	41,296
1932.....	.....	49,149	1929.....	63,153
1933.....	2,402	103,377	1930.....	98,486
1934.....	8,765	296,556	1936.....	12,815
1935.....	15,302	290,141	1937.....	.....
1936.....	23,096	385,762		
1937.....	62,940	812,938		
1938.....	187,325	1,929,568		
1939.....	202,533	1,912,299		
1940.....	137,914	1,312,613		
	1,767,248	\$13,080,780		
SYLVANIA (Green Mountain)				
	Silver, Lead			
1940.....	205	\$1,344	1904.....	990
			1905.....	43
			1906.....	168
			1907.....	232
			1916.....	218
			1927.....	788
			1934.....	14,458
			1936.....	84,361
			1937.....	98,503
			1938.....	106,700
			1939.....	32,282
TOKOP				
	(Bonnie Claire, Oriental Wash)			
	Gold, Silver, Copper, Lead			
1940.....	77	\$1,644	338,743	\$1,829,301
TONOPAH				
	Silver			
1918.....	113	\$1,163	1876.....	20
1920.....	13	3,272	1878.....	219
1921.....	1,112	78,304	1886.....	3
1923.....	458	8,087		
1924.....	4,096	48,087		
UNKNOWN				

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

\$1,000 or more by Districts				
Diamondfield—	Period	Tons	Gross yield	
Diamondfield Daisy.....	1913-1915	279	\$9,009	
Great Bend Mine.....	1923-1926	418	20,698	
Divide (Gold Mountain)—				
Brougher Divide Mining Co.....	1929-1938	2,528	50,290	
Calumet Divide Mining Co.....	1927-1938	3,529	76,227	
Divide Extension Mining Co.....	1919-1921	1,008	84,952	
Florence Divide Mining Co.....	1919	1,530	192,574	
Golden State Divide Mining Co....	1920-1922	723	16,368	
Harmell Divide Mining Co.....	1924-1925	99	7,353	
Independence Mining Co.....	1912	786	13,708	

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Knox Divide Mining Co.....	1920-1921	1,159	\$24,403
Reorganized Silver King Min. Co...	1934	544	8,909
Silver Mines Corporation.....	1918	2,968	32,132
Tonopah Divide Mining Co.....	1912-1940	113,794	2,789,242
FISH LAKE VALLEY			
(White Mountains)—			
Red Rock Quicksilver Co.....	1927-1930	2,191	41,348
Saline Valley Borax Works.....	1885-1886	.....	8,580
GILBERT (Desert)—			
Gilbert Homestake Mining Co.....	1929-1940	162	6,893
Gilbert Mammoth Last Hope.....	1925-1927	817	28,498
GOLDFIELD—			
Atlanta Mining Co.....	1914-1917	4,576	69,844
Black Butte Mine.....	1908-1909	172	23,991
Bradshaw, Incorporated.....	1927-1940	.....	3,418,196
Clapp, H. E., Receiver.....	1917	867	76,238
C. O. D. Cons. Mining Co.....	1909	112	6,323
Combination.....	1903-1908	263,729	3,712,006
Eastern Exploration Co.	1936-1938	11,551	937,586
Florence Goldfield Mining Co.....	1905-1929	233,657	6,589,141
Florence Leasing Co.....	1904	109	300,954
Florence Mine	1905-1920	.....	238,599
Florence-Mohawk Leasing Co.....	1906-1907	.....	485,580
Gold Bug Mining Co.....	1939	398	9,849
Goldfield Alma M. & L. Co.....	1909-1910	1,693	89,439
Goldfield Annex.....	1910-1911	525	13,646
Goldfield Belmont Mining Co.....	1911-1914	948	48,895
Goldfield Combination Fraction....	1908-1940	28,426	535,546
Goldfield Consolidated Min. Co....	1905-1940	2,777,167	50,442,261
Goldfield Deep Mines.....	1930-1939	4,617	414,326
Goldfield Development Co.....	1919-1922	12,357	271,563
Goldfield Mohawk	1906-1909	97,480	9,073,214
Great Bend.....	1908-1926	2,855	105,674
Great Western Gold M. & M. Co....	1908-1911	1,001	37,260
Imperial Development Co.....	1934-1939	3,241	15,926
Jumbo Extension Mining Co.....	1907-1922	89,420	2,864,395
Jumbo Mining Co.....	1904-1909	39,013	1,371,165
Kendall Mine.....	1905-1906	64	33,516
Laguna Mine.....	1908	1,186	47,334
Little Florence.....	1907	5,140	713,629
Los Angeles Rock & Gravel Co.....	1934	.....	7,093
McNaughton-Mohawk Lease	1907	369	15,423
Mohawk-Alpine	1905-1913	33,450	296,825
Mohawk Combination Lease.....	1907	7,662	501,987
Mohawk Ledge.....	1907-1908	6,146	433,213
Olson	1923-1924	1,981	36,179

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Orleans Silver.....	1921-1924	1,808	\$35,123
Red Hills Florence Co.....	1918	370	7,587
Red Top Mining Co.....	1906-1909	47,744	1,094,265
Sandstorm	1905-1906	115	133,667
Sandstorm Kendall.....	1911-1918	175	11,010
Silver Pick	1921-1928	2,706	108,653
HORNSILVER (Lime Point)—			
Dunfee Lease	1915-1921	1,731	38,291
French Gold Mining Co.....	1915-1916	520	14,413
Great West Gold M. & M. Co.....	1908-1911	1,001	37,260
Silver Mines Corporation.....	1917	2,597	15,735
KLONDYKE—			
Golden State Divide Mining Co.....	1921-1924	1,088	20,432
Original Klondyke Mining Co.....	1913	155	5,709
LIDA (Alida Valley, Tule Canyon)—			
Alida Valley Co.....	1871-1878	259	9,679
Broder & Moffatt.....	1876	374	11,000
Callison, D. C.....	1874-1878	726	63,446
Death Valley Mine.....	1874-1875	67	5,058
Hiskey & Walker.....	1873	234	37,782
McMasters, Thos.....	1878	204	21,167
Ohio Mines Co.....	1935-1940	41,171	294,336
Travis, P. S.....	1875-1877	124	7,124
Wasson	1878	166	15,132
MONTEZUMA—			
Nevada Eagle Mining Co.....	1912-1913	279	9,619
Potter & Sallee.....	1877	82	9,906
Savage Mine.....	1871	50	6,500
Shawmut Mine.....	1887	176	14,090
PALMETTO—			
Lemke Bros.....	1939-1940	7,076	46,076
Sierra Talc Co.....	1939-1940	5,320	80,100
SILVER PEAK—			
Black Mammoth Mines.....	1932-1940	184,075	2,398,612
Blair Mines Co.	1919	812	11,651
Brodie Mine	1939	735	5,415
Desert Silver, Inc.....	1937-1940	226,235	2,072,814
Drinkwater Mine.....	1888-1889	1,243	20,357
Gold Wedge Divide.....	1935-1938	2,910	113,156
Gordon Mine.....	1933-1935	668	119,594
Hanchett, L. C.....	1895-1896	4,936	95,494
Hanchett Securities.....	1934-1940	2,031	71,379
International Mining Co.....	1936-1937	4,847	87,923
Lucky Boy Divide Mining Co.....	1923-1934	8,490	256,951
Mary Mine	1926-1937	396	76,777

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Pavich	1935	458	\$18,667
Pittsburg Silver Peak Mining Co... 1908-1937	1,019,943	5,075,502	
Prescott Lease.....	1937-1940	200,868	1,865,756
R & K Mining Co.....	1936-1940	41	25,959
Sentinel Mining Co.....	1885-1888	3,370	55,491
Silver Peak Gold Mining Co.....	1908	58,544	461,826
Silver Peak Mine.....	1891	136	5,271
Silver Peak Valcalda.....	1911-1913	15,641	73,248
TONOPAH—			
Tonopah Extension Mining Co.	1918-1929	269,270	2,346,080
Tonopah Hasbrouck Mining Co....	1923-1924	740	10,406
Tonopah Mining Co.	1936-1937	12,815	40,998
Tonopah 76 Cons. Mining Co.....	1924-1927	1,797	20,872
West End Cons. Mining Co.....	1924-1928	17,751	192,061
West End Extension Mining Co....	1924-1926	1,614	23,882
WEEPAH (Lone Mountain)—			
Electric Gold Mining Co.....	1927	788	7,276
Nevada Alpine Mining Co.....	1903-1908	1,433	211,435
Sun Flower Mining Co.....	1916	213	5,148
Weepah Nevada Mining Co.....	1935-1939	336,304	1,615,037
UNKNOWN—			
Wilson, David.....	1877	285	5,892

EUREKA COUNTY

Eureka County was a part of Lander County until March 1873. Production figures were obtained from the following sources:

1865-1872—From county records at Austin.

1873-1940—From county records at Eureka.

The mines at Eureka, Nevada, were the first important lead-silver mines in the United States. More than 80 percent of the county's total production of about \$65,000,000 has been made in the Eureka district. It has produced in every year from 1866 to 1940, inclusive, the peak being in the period 1871-1888 when a production of about \$43,000,000 was recorded, a yearly average of more than two and one-third millions.

The second district of importance is the Cortez, which was organized in 1863, and came into production in the middle sixties and continued through 1940 with the exception of only a few years. Its best period was 1887-1891, inclusive, with an average yearly production of more than one third of a million dollars. Between 1897 and 1902 nearly a million dollars was recorded, and the same was again produced between 1924 and 1928.

The Safford district, the third in order of importance, records small amounts from 1873 to 1889. The peak production of more than one and three-quarters million dollars came between 1903-1914 from a half million tons of iron ore from the West mine. There are no records on this district since 1918.

Records of the Mineral Hill district show one and one-third million dollars from 1871 to 1874, inclusive, and but small amounts over scattering years up to 1915. Most of the production from the Buckhorn district, about one million dollars, came in the years 1914-1915 and again in 1937. The Secret Canyon and the Union districts have added materially to the county production, with a record of almost three quarters of a million and one fourth of a million dollars, respectively.

MINERAL PRODUCTION OF EUREKA COUNTY, 1865-1940

YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865.....	6	\$1,028	1870.....	2,288	\$120,581
1866.....	492	46,323	1871.....	35,395	2,001,814
1867.....	2,197	148,380	1872.....	62,452	2,569,875
1868.....	143	56,559	1873.....	83,238	3,029,116
1869.....	523	77,393	1874.....	76,926	3,040,843

YEARLY SUMMARY—Continued

Year	Tons	Gross yield	Year	Tons	Gross yield
1875.....	83,358	\$3,190,091	1909.....	102,620	\$838,423
1876.....	53,506	2,122,819	1910.....	35,420	209,348
1877.....	83,035	3,917,189	1911.....	68,169	339,473
1878.....	120,161	5,316,076	1912.....	82,982	324,871
1879.....	110,463	3,740,735	1913.....	43,426	222,955
1880.....	86,763	3,431,542	1914.....	109,338	521,104
1881.....	76,969	3,116,988	1915.....	111,034	446,121
1882.....	71,930	2,481,265	1916.....	9,929	250,125
1883.....	73,035	1,856,693	1917.....	17,768	130,835
1884.....	69,035	1,426,367	1918.....	12,889	173,004
1885.....	50,245	1,751,990	1919.....	1,988	111,531
1886.....	51,073	1,050,883	1920.....	7,204	183,930
1887.....	72,476	1,350,557	1921.....	12,433	180,170
1888.....	44,624	1,011,526	1922.....	3,368	75,666
1889.....	21,367	760,220	1923.....	30,176	495,615
1890.....	31,430	935,226	1924.....	50,514	374,701
1891.....	25,566	849,927	1925.....	23,115	229,848
1892.....	19,150	558,629	1926.....	93,895	962,403
1893.....	13,140	342,887	1927.....	46,226	524,948
1894.....	8,684	184,204	1928.....	58,876	635,041
1895.....	9,068	184,705	1929.....	49,252	396,826
1896.....	7,893	169,276	1930.....	2,156	43,690
1897.....	13,465	439,106	1931.....	1,138	16,130
1898.....	13,345	299,502	1932.....	2,870	22,125
1899.....	13,866	271,650	1933.....	3,316	30,951
1900.....	15,641	323,295	1934.....	4,492	69,480
1901.....	12,574	260,542	1935.....	6,145	120,251
1902.....	11,982	231,521	1936.....	13,736	157,084
1903.....	23,713	232,322	1937.....	37,065	429,265
1904.....	40,550	268,383	1938.....	41,647	463,461
1905.....	80,831	329,718	1939.....	34,974	447,469
1906.....	73,811	350,753	1940.....	24,570	223,925
1907.....	91,831	631,421			
1908.....	58,514	490,999		3,039,485	\$64,621,688

DISTRICT SUMMARY

	Tons	Gross yield
Antelope.....	3,951	\$87,380
Beowawe.....	1,500	2,808
Buckhorn.....	213,782	1,041,205
Cortez.....	325,554	6,375,839
Diamond.....	2,417	29,881
Eureka (Ruby Hill, Pinto, Silverado).....	1,837,615	52,288,024
Lynn Creek.....		5,042
Mineral Hill.....	58,620	1,714,037
Safford (Barth, Palisade).....	547,034	2,019,892

DISTRICT SUMMARY—Continued

		Tons	Gross yield
Schroeder.....		6,096	\$45,575
Secret Canyon.....		33,958	722,840
Spring Valley.....		1,219	62,466
Union.....		7,739	226,699
		3,039,485	\$64,621,688

DISTRICT PRODUCTION BY YEARS

	ANTELOPE	Year	Tons	Gross yield
Year	Lead, Silver, Copper	1880.....	481	\$62,842
1889.....	3,951	1881.....	983	121,609
		1882.....	988	61,162
		1883.....	1,384	85,976
		1884.....	1,839	118,068
1929.....	1,500	\$2,808	1885.....	1,652
			1886.....	5,813
			1887.....	6,320
			1888.....	7,543
1910.....	19	\$3,991	1889.....	8,080
1914.....	72,627	327,535	1890.....	9,521
1915.....	103,524	345,553	1891.....	8,534
1916.....	.....	28,368	1892.....	1,908
1931.....	196	3,093	1893.....	36
1932.....	42	462	1897.....	5,922
1936.....	3,133	27,222	1898.....	7,229
1937.....	22,917	282,740	1899.....	6,242
1938.....	34	276	1900.....	8,214
1939.....	896	10,265	1901.....	6,358
1940.....	10,394	11,700	1902.....	6,777
			1903.....	4,807
			1904.....	4,088
			1905.....	280
			1906.....	136
			1907.....	117
			1908.....	.....
1865.....	6	\$1,028	1909.....	.....
1866.....	483	45,394	1911.....	.....
1867.....	80	15,891	1912.....	361
1868.....	72	37,404	1913.....	706
1869.....	234	33,057	1914.....	2,334
1870.....	80	10,888	1915.....	717
1871.....	340	30,776	1916.....	283
1872.....	334	43,371	1917.....	54
1873.....	373	75,674	1924.....	32,358
1874.....	591	65,000	1925.....	18,589
1875.....	557	27,124	1926.....	44,030
1877.....	853	56,950	1927.....	30,149
1878.....	655	85,218		270,094
1879.....	1,037	87,419		

DISTRICT PRODUCTION BY YEARS—Continued

CORTEZ—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1882.....	62,680	\$2,289,628
1928.....	26,502	\$254,165	1883.....	51,037	1,490,008
1933.....	60	1,520	1884.....	55,959	1,200,436
1934.....	613	7,559	1885.....	39,637	2,560,000
1936.....	4,067	29,449	1886.....	37,700	782,804
1937.....	11,701	86,366	1887.....	58,118	879,449
1938.....	13,510	158,766	1888.....	36,375	626,561
1939.....	21,497	265,566	1889.....	8,922	277,971
			1890.....	21,427	543,336
	325,554	\$6,375,839	1891.....	16,871	460,702
			1892.....	17,238	421,424
DIAMOND			1893.....	13,104	335,287
Silver, Lead			1894.....	8,684	184,204
1883.....	554	\$7,474	1895.....	9,068	184,705
1884.....	1,240	12,450	1896.....	7,887	168,937
1885.....	6	163	1897.....	7,540	273,296
1886.....	4	242	1898.....	6,116	114,070
1887.....	35	678	1899.....	7,624	155,208
1888.....	20	683	1900.....	7,427	170,466
1889.....	14	591	1901.....	6,216	134,811
1890.....	31	1,023	1902.....	5,205	117,919
1891.....	19	897	1903.....	3,557	98,430
1908.....	350	1,566	1904.....	2,837	61,105
1917.....	102	2,728	1905.....	2,664	73,702
1926.....	42	1,386	1906.....	10,267	144,669
	2,417	\$29,881	1907.....	35,340	439,617
			1908.....	26,936	327,265
EUREKA			1909.....	77,208	738,476
(Ruby Hill, Pinto, Silverado)			1910.....	10,458	108,568
Silver, Lead, Gold, Copper, Zinc			1911.....	14,728	105,757
1866.....	9	\$929	1912.....	23,702	96,186
1867.....	2,093	120,711	1913.....	762	23,870
1868.....	71	19,155	1914.....	595	26,266
1869.....	23	5,932	1915.....	781	30,850
1870.....	2,195	107,900	1916.....	2,782	102,597
1871.....	31,317	1,451,835	1917.....	2,226	64,358
1872.....	54,002	2,098,489	1918.....	3,914	117,639
1873.....	75,423	2,643,046	1919.....	1,988	111,531
1874.....	70,487	2,798,492	1920.....	7,204	183,930
1875.....	80,538	3,064,001	1921.....	12,433	180,170
1876.....	53,038	2,083,308	1922.....	3,368	75,666
1877.....	81,461	3,821,191	1923.....	30,176	495,615
1878.....	118,842	5,200,871	1924.....	18,156	94,330
1879.....	109,363	3,647,665	1925.....	4,526	85,372
1880.....	85,990	3,347,315	1926.....	49,823	716,115
1881.....	75,502	2,979,372	1927.....	16,077	254,854

DISTRICT PRODUCTION BY YEARS—Continued

EUREKA—Continued

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1928.....	32,374	\$280,876	1890.....	25	\$2,482
1929.....	47,752	394,018	1891.....	42	4,547
1930.....	2,156	43,690	1892.....	1	425
1931.....	942	13,037	1896.....	3	277
1932.....	2,828	21,663	1897.....	3	329
1933.....	3,256	27,631	1912.....	2,531	9,121
1934.....	2,955	55,909	1913.....	103	6,183
1935.....	5,990	118,158	1915.....	106	3,338
1936.....	4,710	88,536			
1937.....	1,860	54,181		58,620	\$1,714,037
1938.....	26,811	296,012			
1939.....	12,053	165,822			
1940.....	6,231	110,119			
	1,837,615	\$52,288,024			

LYNN CREEK

Placer Gold

1933.....		\$1,800
1935.....		1,081
1937.....		2,161
		\$5,042

MINERAL HILL

Silver, Lead, Gold, Copper, Zinc

1867.....	7	\$5,048
1869.....	71	19,155
1871.....	3,738	519,203
1872.....	7,986	403,000
1873.....	6,593	233,961
1874.....	5,535	152,554
1875.....	1,807	53,396
1876.....	75	6,621
1877.....	72	12,551
1878.....	570	23,992
1879.....	54	5,078
1880.....	69	4,182
1881.....	53	5,469
1882.....	1	119
1883.....	3,202	36,899
1884.....	6,562	56,572
1885.....	8,424	66,521
1886.....	6,945	53,403
1887.....	3,970	21,017
1888.....	7	1,543
1889.....	65	7,051

SAFFORD (Barth, Palisade)

Silver, Gold, Iron, Lead, Copper

1873.....	3	\$382
1881.....	11	332
1882.....	40	3,379
1883.....	372	16,951
1884.....	14	800
1885.....	188	10,997
1886.....	35	2,282
1887.....	15	853
1889.....	10	498
1903.....	15,349	58,667
1904.....	33,625	145,653
1905.....	77,887	237,206
1906.....	63,408	199,094
1907.....	56,374	187,806
1908.....	31,228	140,206
1909.....	25,412	76,612
1910.....	24,943	96,789
1911.....	53,441	207,311
1912.....	56,388	182,089
1913.....	41,855	155,731
1914.....	33,782	146,492
1915.....	4,472	19,538
1916.....	3,821	15,780
1917.....	15,386	59,079
1918.....	8,975	55,365
	547,034	\$2,019,892

SCHROEDER

Gold, Silver, Lead, Copper

1884.....	6,562	56,572
1885.....	8,424	66,521
1886.....	6,945	53,403
1887.....	3,970	21,017
1888.....	7	1,543
1889.....	65	7,051
1934.....	924	\$6,012
1935.....	155	1,012
1936.....	1,826	11,877
1937.....	587	3,817

DISTRICT PRODUCTION BY YEARS—Continued

SCHROEDER—Continued

Year	Tons	Gross yield	SPRING VALLEY		
			Year	Tons	Silver, Lead, Copper, Gold
1938.....	1,292	\$8,407	1867.....	4	\$715
1939.....	528	5,816	1869.....	187	17,426
1940.....	784	8,634	1870.....	13	1,793
	6,096	\$45,575	1873.....	75	3,296
			1874.....	38	4,801
			1875.....	3	204
			1876.....	8	566
			1880.....	6	220
			1883.....	5	152
			1884.....	159	6,093
			1885.....	11	414
			1886.....	94	5,078
			1887.....	169	6,518
			1888.....	311	8,287
			1889.....	78	4,653
			1890.....	55	1,890
			1892.....	3	360
1881.....	420	10,206		1,219	\$62,466
1882.....	8,221	126,977			
1883.....	16,481	219,233			
1884.....	3,262	31,948			
1885.....	327	13,506	1887.....	3,247	\$95,562
1886.....	482	19,823	1888.....	12	1,116
1887.....	602	20,653	1896.....	3	62
1888.....	356	9,517	1915.....	1,434	35,549
1889.....	247	5,966	1916.....	3,043	94,410
1890.....	371	8,162			
1891.....	100	2,550		7,739	\$226,699
1940.....	85	955			
	33,958	\$722,840			

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

ANTELOPE—	Period	Tons	Gross yield
St. Peters Cons. Gold and Silver Mining Co.....	1889	3,951	\$87,380
BUCKHORN (Mill Canyon)—			
Buckhorn Mines Company.....	1910–1939	203,353	1,029,229
CORTEZ—			
Aurora Mine.....	1873–1896	25	14,317
Arctic Mine.....	1869–1871	178	9,486
Benjamine Harrison Mine.....	1873–1896	47	6,281
Boitano Mine.....	1936–1937	411	24,997

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Consolidated Cortez.....	1924–1929	289,365	\$2,474,525
Cortez Mining & Reduction Co.....	1914–1915	2,778	24,279
Cortez Leasing Company.....	1912	.....	11,893
Cortez Metals.....	1937–1939	.....	27,516
Garrison Mine	1873–1896	28,496	3,166,766
St. Louis Mine	1866–1869	118	51,234
Tenabo Mining & Milling Co.....	1903–1917	9,988	188,773
Ventura Mine.....	1873–1896	24	6,485
Greenan & Company.....	1938–1940	23,375	386,949
DIAMOND—			
Lincoln Mining Company	1873–1926	2,117	25,085
EUREKA (Ruby Hill, Pinto)—			
Adams & Farren	1871	553	14,587
Adams Hill Cons. Mining Co.....	1874–1877	479	15,463
Albion Mine	1881–1890	6,703	245,305
Alexandria Mine	1878–1905	1,585	43,099
Alkali Mine.....	1914–1916	268	8,075
Altoona Mine	1879–1901	792	35,891
American Development Co.....	1932–1933	5,268	34,252
Antelope Mine	1881–1887	208	8,158
Atlas Mine.....	1875–1879	12,179	569,419
Banner Mine.....	1876–1890	1,267	44,905
Barton Mine.....	1878–1898	510	16,366
Bowman Mine.....	1876–1892	1,097	51,092
Bullwhacker Mine	1876–1894	4,654	116,069
Buttercup Silver Mining Co.....	1867	200	13,200
California & Silver King.....	1879–1917	3,378	108,644
Champion Mine	1870	1,017	65,597
Champion & Buckeye.....	1867	1,000	54,720
Charleston Mine.....	1880–1881	94	6,895
Conelly Mine	1873–1916	4,543	177,946
Cyanide Mine	1899–1922	1,817	119,753
Deadbroke Mine.....	1873–1897	470	17,567
Delaware Mine	1877–1898	34	14,365
Distinction Mine	1913–1920	487	25,569
Diamond & Excelsior.....	1897–1936	12,053	320,026
Diamond Mining Company.....	1874–1897	57,800	1,323,194
Dug Out Mine	1874–1936	502	42,503
Dunderburg Mine	1873–1893	14,293	488,342
El Dorado Mine.....	1873–1892	802	69,781
Ethel Mine	1889–1894	68	6,633
Eureka Consolidated.....	1873–1906	550,455	19,242,012
Eureka Corporation	1937–1940	28,337	305,971
Eureka Croesus Mining Corp.....	1917–1923	5,817	217,912
Eureka-Holly	1915–1927	67,271	1,156,738
Eureka Nevada Mining Company..	1917–1923	218	6,818

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Eureka-Prince	1920-1924	160	\$7,004
Eureka Prospect	1937-1939	8,610	98,306
Eureka Uncle Sam.....	1922-1923	171	6,521
Eureka Tunnel & Mining Co.....	1881-1901	4,550	206,308
Excelsior.....	1873-1897	1,759	89,762
Fraser & Molino.....	1882-1901	612	28,209
Fourth of July.....	1873-1890	332	10,488
Grant Mine.....	1873-1890	681	38,913
Geddes & Bertrand	1873-1891	4,376	367,654
Hamburg Mining Company.....	1871-1923	14,352	433,889
Helene Mortimer	1871-1918	409	7,317
Hidden Jewel.....	1874-1905	418	17,827
Hidden Jewel & Laurel.....	1898-1905	620	29,019
Home Ticket.....	1870-1871	114	5,176
Hoosac Mine.....	1872-1882	17,292	158,616
Idaho Mine.....	1887-1899	539	43,779
Industry Mine	1873-1888	512	40,551
Irish Ambassador Mine	1880-1887	148	29,188
Jackson Consolidated Mines	1873-1916	34,013	1,070,925
Kentuck Mine.....	1873-1891	197	14,532
Kentuck & Mountain Boy Mine.....	1870-1871	874	59,450
King Lear Mine.....	1884-1887	487	27,972
K & K Consolidated.....	1873-1883	79,210	2,001,126
Lemon Mill & Mining Co.....	1874-1878	339	8,432
Littlejohn, John & Co.....	1925	436	5,313
Lone Pine Mine.....	1876-1888	756	26,568
Lord Byron Mine.....	1885-1894	2,613	118,578
Marguerita	1883-1891	866	32,928
Marne	1915-1919	355	24,278
Matamoros Mine	1874-1887	1,424	80,080
Macon City.....	1875-1889	949	73,407
Madrid Mine.....	1896-1897	328	7,173
Maria Mine.....	1874-1885	94	6,431
Members Mine	1881-1888	1,890	31,317
Morning Star Mine.....	1875-1890	113	6,355
Mortimer Mine.....	1876-1899	644	18,928
Mountain Boy Mine	1873-1883	353	29,392
Munroe Mine.....	1871-1873	83	12,656
Nevada Exploration Company	1901-1902	543	15,209
Orange Mine.....	1871-1873	254	21,684
Oriental & Belmont.....	1880-1891	1,131	27,905
Otho Mine.....	1871	214	8,633
Paul Pry.....	1879-1889	709	29,929
Phoenix Mining Company.....	1873-1913	5,428	156,043
Phoenix Silver Mining Company..	1872	1,906	34,308
Pioneer Westside.....	1873-1894	193	6,217

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued			
	Period	Tons	Gross yield
Prospect Mountain Tunnel.....	1882–1891	939	\$29,791
Richmond-Eureka	1871–1939	294,095	4,021,674
Richmond Mining Company.....	1873–1905	488,081	15,209,443
Ruby Consolidated Mining Co.....	1872	1,260	57,377
Ruby Dunderburg Mining Co.....	1880–1901	27,408	1,608,130
Ruby Hill Development Co.....	1920	1,070	10,784
Seventy-Six	1881–1892	162	10,900
Silver Connor Mine.....	1877–1921	5,937	167,132
Silver Lick Mine.....	1871–1916	5,293	241,816
Silver West Mine.....	1871–1872	88	5,328
Stockton Mine	1867–1871	95	7,999
Summit Mine	1874–1891	323	12,277
Tip Top Mine.....	1871	80	5,079
Vera Cruz Mine.....	1871	17	10,267
Wide West Mine	1871–1915	526	6,743
Whip-Poor-Will Mine.....	1881–1891	951	22,173
Williamsburg.....	1877–1892	2,765	72,112
X Y Z Mine.....	1871–1872	140	5,643
MINERAL HILL—			
Barker, Spencer & Company.....	1873–1896	25,662	326,166
Mineral Hill Company.....	1871–1874	30,466	1,384,342
SAFFORD (Barth, Palisade)—			
Onondago Mine	1882–1886	581	30,384
West Mining Company.....	1903–1918	544,295	1,912,956
Zenoli Silver Company.....	1907–1908	1,439	67,162
SCHROEDER—			
Industrial Minerals & Chemical Company.....	1934–1940	6,096	45,575
SECRET CANYON—			
Bertrand Mining Company.....	1873–1896	28,329	629,468
Page & Corwin.....	1869–1908	286	51,876
Windfall Mine	1908	368	23,115
SPRING VALLEY—			
Reeves & Berry.....	1884–1888	317	8,933
West End Mining Company	1888–1890	140	7,999
Woodchopper Mine.....	1884–1892	390	15,581
UNION—			
Armstrong, Wade	1915–1916	1,371	40,081
Union Mines Company.....	1915–1917	6,188	185,344

HUMBOLDT COUNTY

Production figures were obtained from the following sources:

1865-1869—No records available.

1870-1940—From county records at Winnemucca.

Humboldt County's production until the discovery of the National district in 1909 was of small consequence.

Between 1879 and 1887 a fair production came from the Paradise district, and likewise in 1903-1905 from the Sulphur and Warm Springs districts.

The National district from its discovery to 1938 was the principal producer of the county and has a recorded production of nearly \$4,000,000.

For the period 1937-1939, inclusive, the Jumbo mine in the Awakening district produced about one third of a million dollars. For the period 1938-1940, inclusive, the Getchell or Potosi district has been the largest producer in the county and has already exceeded the gross production of the National district.

Over the period 1870-1940 the gross yield of the districts has been in the following order: Potosi, National, Paradise Valley, Awakening, Sulphur, Warm Springs, Varyville, Bottle Creek, Gold Run, Winnemucca, and Golconda.

Over half of Humboldt County's production of 12.6 millions has been made in the last five years, which speaks well for its immediate future.

MINERAL PRODUCTION OF HUMBOLDT COUNTY, 1865-1940

YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*			1880.....	7,124	\$224,351
1866*			1881.....	5,487	81,112
1867*			1882.....	3,232	38,374
1868*			1883.....	3,521	92,258
1869*			1884.....	5,033	210,961
1870.....	200	\$29,550	1885.....	6,925	214,355
1871.....	1,632	22,680	1886.....	7,372	322,120
1872.....	172	26,903	1887.....	3,594	127,462
1873.....	1,332	11,015	1888.....	2,165	17,240
1874.....	234	12,050	1889.....	2,631	40,054
1875.....	907	39,055	1890.....	1,199	9,264
1876.....	221	17,195	1891*.....	.....	.....
1877*			1892*.....	.....	.....
1878*			1893.....	906	8,134
1879.....	4,107	258,297	1894.....	84	378

YEARLY SUMMARY—Continued

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1895*			1919.....	2,263	\$75,255
1896*			1920.....	636	15,584
1897*			1921.....	50	981
1898.....	2,058	\$18,251	1922.....	10	300
1899.....	15,329	77,322	1923*		
1900.....	5,121	41,744	1924.....	1,198	46,001
1901*			1925.....	659	1,399
1902*			1926*		
1903.....	4,346	81,841	1927*		
1904.....	7,445	109,337	1928*		
1905.....	8,601	80,202	1929*		
1906.....	3,129	41,125	1930*		
1907.....	1,039	21,063	1931*		
1908.....	527	10,740	1932*		
1909.....	3,736	135,263	1933.....	14,862	33,509
1910.....	912	952,001	1934.....	3,000	2,911
1911.....	1,485	1,143,966	1935.....	12,439	189,808
1912.....	6,856	595,197	1936.....	20,945	389,709
1913.....	3,354	94,497	1937.....	22,786	219,206
1914.....	7,239	115,599	1938.....	175,595	1,034,495
1915.....	19,199	187,787	1939.....	294,060	2,009,660
1916.....	30,215	177,324	1940.....	298,649	2,838,032
1917.....	5,956	77,151			
1918.....	1,839	48,286		1,033,616	\$12,668,354

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Awakening.....	48,161	\$459,334
Bottle Creek.....	16,252	353,647
Central.....	880	29,005
Getchell-Potosi.....	658,733	4,821,915
Golconda.....	19,462	187,930
Gold Run (Adelaide).....	48,934	201,780
Leonard Creek.....	3,266	42,051
National.....	115,082	3,914,596
Paradise Valley.....	49,286	1,545,362
Pine Forest.....	5,075	27,488
Rebel Creek (New Goldfields, Willow Creek).....	1,123	69,333
Sulphur (Rabbit Hole).....	15,369	381,723
Ten Mile.....	3,295	29,375
Varyville (Columbia, Bartlett Creek).....	1,110	37,058
Warm Springs (Ashdown, Pueblo, Vicksburg).....	39,201	371,194
Winnemucca.....	7,956	193,541
Unknown.....	431	3,022
	1,033,616	\$12,668,354

*No recorded production.

DISTRICT PRODUCTION BY YEARS

AWAKENING		Year	Tons	Gross yield
Year	Gold-Silver	1920.....	146	\$3,334
1914.....	1,188	\$23,787	1921.....	10 300
1915.....	160	1,968	1938.....	378 5,656
1933.....	204	3,885	1939.....	44 912
1935.....	101	11,055		
1936.....	1,203	46,615		
1937.....	9,697	103,560		
1938.....	14,007	129,802		
1939.....	15,921	100,826		
1940.....	5,680	37,836		
	48,161	\$459,334		
BOTTLE CREEK		GOLD RUN (Adelaide)		
Quicksilver		Copper, Gold, Silver, Lead, Zinc		
1939.....	1,411	\$24,910	1872.....	20 \$7,124
1940.....	14,841	328,737	1898.....	1,564 10,184
	16,252	\$353,647	1899.....	13,492 65,556
			1900.....	5,121 41,744
			1914.....	832 2,007
			1915.....	19 2,049
			1940.....	27,886 73,116
				48,934 \$201,780
CENTRAL		LEONARD CREEK		
Gold		Gold		
1871.....	32	\$3,480	1936.....	3,266 \$42,051
1872.....	125	17,968		
1893.....	706	6,734		
1899.....	15	750		
1937.....	2	73		
	880	\$29,005		
GOLCONDA		NATIONAL		
Manganese-Gold		Gold-Silver		
1870.....	200	\$29,550	1909.....	1,167 \$119,434
1871.....	1,600	19,200	1910.....	912 952,001
1873.....	1,332	11,015	1911.....	864 1,128,019
1909.....	1,840	8,875	1912.....	5,235 584,776
1911.....	294	1,155	1913.....	23 74,050
1912.....	1,493	6,956	1914.....	2,789 81,704
1913.....	3,331	20,447	1915.....	18,666 182,741
1914.....	2,430	8,101	1916.....	27,394 130,398
1915.....	354	1,029	1918.....	71 17,632
1916.....	237	8,220	1924.....	1,198 46,001
1917.....	5,248	50,787	1933.....	14,658 29,624
1918.....	483	10,383	1934.....	3,000 2,911
1919.....	42	2,010	1935.....	10,872 174,949
			1936.....	11,225 236,142
			1937.....	13,087 115,573
			1939.....	3,921 38,352
			1940.....	----- 289
				115,082 \$3,914,596

DISTRICT PRODUCTION BY YEARS—Continued

PARADISE VALLEY

(Montrose, Spring City)

Silver-Gold		
Year	Tons	Gross yield
1879.....	3,997	\$255,195
1880.....	6,610	211,960
1881.....	3,576	57,114
1882.....	3,232	38,374
1883.....	3,328	89,427
1884.....	5,016	207,091
1885.....	6,731	177,219
1886.....	7,207	314,100
1887.....	3,594	127,462
1888.....	2,165	17,240
1889.....	2,631	40,054
1890.....	1,199	9,264
1912.....		862
	49,286	\$1,545,362

SULPHUR (Rabbit Hole)

Sulphur-Silver

Year	Tons	Gross yield
1898.....	100	\$2,400
1903.....	2,029	57,011
1904.....	2,285	61,336
1905.....	2,208	45,912
1906.....	1,703	33,840
1907.....	1,018	20,360
1908.....	527	10,740
1909.....	329	4,935
1912.....	109	1,635
1916.....	357	11,424
1917.....	708	26,364
1918.....	1,285	20,271
1919.....	2,221	73,245
1920.....	490	12,250
	15,369	\$381,723

PINE FOREST

Gold

1935.....	1,466	\$3,804
1936.....	3,162	17,639
1938.....	31	286
1940.....	416	5,759
	5,075	\$27,488

TEN MILE

Gold-Silver

1938.....	75	\$8,697
1939.....	320	12,747
1940.....	2,900	7,931
	3,295	\$29,375

POTOSI-GETCHELL

Gold-Copper-Silver

1938.....	159,845	\$868,333
1939.....	258,975	1,735,176
1940.....	239,913	2,218,406
	658,733	\$4,821,915

VARYVILLE

(Columbia, Bartlett Creek)

Gold

1875.....	184	\$3,989
1936.....	926	33,069
	1,110	\$37,058

REBEL CREEK

(New Goldfields, Willow Creek)

Gold-Silver

1875.....	300	\$12,600
1880.....	54	3,476
1883.....	193	2,831
1884.....	17	3,870
1885.....	194	37,136
1886.....	165	8,020
1893.....	200	1,400
	1,123	\$69,333

WARM SPRINGS

(Ashdown, Pueblo, Vicksburg)

Gold-Silver

1898.....	394	\$5,667
1899.....	1,822	11,016
1903.....	2,317	24,830
1904.....	5,160	48,001
1905.....	6,393	34,290
1906.....	1,426	7,285
1925.....	659	1,399
1936.....	1,000	9,699
1938.....	1,259	21,721

DISTRICT PRODUCTION BY YEARS—Continued

WARM SPRINGS—Continued		Year	Tons	Gross yield
Year	Tons	Gross yield	1911.....	327 \$14,792
1939.....	13,213	\$89,752	1912.....	19 968
1940.....	5,558	117,534	1916.....	2,227 27,282
			1921.....	40 681
	39,201	\$371,194	1936.....	163 4,494
			1939.....	255 6,985
			1940.....	1,455 48,424
WINNEMUCCA				
Silver, Gold, Lead, Copper				
1872.....	27	\$1,811		
1874.....	234	12,050		7,956 \$193,541
1875.....	423	22,466		UNKNOWN
1876.....	221	17,195	1907.....	21 \$703
1879.....	110	3,102	1909.....	400 2,019
1880.....	460	8,915	1922.....	10 300
1881.....	1,911	23,998		
1894.....	84	378		431 \$3,022

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

	Period	Tons	Gross yield
AWAKENING—			
Alabama Syndicate.....	1938	536	\$5,194
Austin Brothers.....	1935–1940	13,074	140,077
D. & C. Mining Company.....	1914–1915	1,348	25,755
Jumbo Mine	1937–1939	22,134	197,310
Wadley & Hunt.....	1937–1938	8,403	74,533
BOTTLE CREEK—			
Greenan, J. O.....	1940	6,698	159,542
McAdoo Mining Company.....	1939–1940	5,614	153,241
Rogers, Ed. R.....	1940	.....	7,056
Scossa, J. and A.....	1939–1940	1,800	19,174
White Peak Mining Company.....	1940	2,140	13,660
CENTRAL—			
Blackbird Mine	1893	706	6,734
Monitor Mine	1872	172	17,968
GOLCONDA—			
Bull Con. Caroline Mine.....	1917	3,590	16,762
Gold Ledger Mine	1911–1915	1,580	5,339
Kramer Hill Mine.....	1909–1924	7,794	43,750
Manati Mine.....	1872–1873	152	15,044
Marigold Mines	1938–1939	433	6,568
Pioneer and Golconda Mills.....	1871–1873	2,800	22,295
Yerington Mountain Mining Co.....	1917–1918	2,352	51,689
GOLD RUN (Adelaide)—			
Adelaide Mine.....	1878–1914	21,009	119,491
Adelaide-Crown	1940	27,886	73,116
NATIONAL—			
California National Mining Co.....	1924	4,492	62,643

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued			
	Period	Tons	Gross yield
Columbia Hills Mines.....	1937	1,868	\$34,840
National Mine.....	1933–1937	3,914	17,002
National Gold Mines Company.....	1909–1940	57,120	3,267,426
Nevada Leasing Company.....	1939	939	10,904
Nevada Lucky Tiger Mine.....	1933–1937	30,858	504,446
PARADISE VALLEY—			
Big Prize Mine.....	1879	756	23,558
Paradise Valley Mining Company..	1879–1890	47,839	1,512,069
Silver Butte Mine	1936	2,340	8,982
PINE FOREST—			
Homer-Verne Mining Company.....	1939–1940	5,075	27,488
POTOSI—GETCHELL—			
Getchell Mine.....	1938–1940	658,733	4,821,915
REBEL CREEK (New Goldfields, Willow Creek)—			
Ohio Mine.....	1880–1886	250	47,602
Ohio Eagle	1940	416	5,759
Silver Wave Mining & Milling Co... 1883–1886		373	7,731
SULPHUR (Rabbit Hole)—			
Nevada Sulphur Company	1903–1920	15,269	379,323
TEN MILE—			
Jeff Rice	1940	2,900	7,931
Willig & Rice.....	1938–1939	395	21,444
WARM SPRINGS (Ashdown, Pueblo, Vicksburg)—			
Cahill, Jack.....	1940	138	82,599
Curly Luck Gold Corporation.....	1939–1940	11,490	67,370
Mathewson, Geo. D.....	1939–1940	1,484	24,463
Pine Forest Mines.....	1903–1906	15,296	114,406
Pueblo Mining Company.....	1898–1899	2,216	16,693
WINNEMUCCA—			
A. & T. Mine.....	1911–1912	31	5,711
Humboldt Mining and Milling Co... 1875–1876		644	39,661
Humboldt Reduction Works.....	1880–1881	2,371	32,913
Smith	1911	463	13,520
West Coast Mines.....	1939–1940	1,677	54,248
Winnemucca Mountain Mining Co... 1916–1918		2,227	27,282

LANDER COUNTY

Lander County, organized in 1862, originally included about one third of the area in the northeastern part of the State. Out of it were created the counties of White Pine and Elko in 1869, and Eureka in 1873.

Production figures were obtained from the following sources:

1865-1897 and 1909-1940—From county records at Austin.

1898-1908—From reports of the Director of the U. S. Mint, and State Controller, as no county records were available.

Two thirds of the county's production of over \$27,000,000 is credited to the Reese River district, containing the camp of Austin. Mining was started in this district as early as 1862, following closely after the discovery of the Comstock. There is no record of its yearly production until such records were first required under the State Constitution in 1865. Then, for twenty years its output, mainly silver, ranged from between one half and one million dollars yearly, which coincides with the county's maximum production period. The district's production since 1900 has been very small.

The second largest producing district in the county has been that of Battle Mountain, credited with about one sixth of the county's production. The copper mines and gold placer grounds are a few miles westerly from the town of Battle Mountain. Production started in 1871, and reached its peak in the war years of 1916-1918, yet with a surprisingly even production over the 70-year period.

Most of the production of more than \$3,000,000 credited to the Lewis district came from the Betty O'Neal mine during the years 1923-1928, inclusive, with a yearly average of over \$400,000.

The Bullion and Hilltop districts each have a recorded production of more than \$400,000, the former mostly since 1935, and the latter between 1912 and 1920.

The Argenta district to the east of Battle Mountain with one quarter of a million dollars, has all been recorded since 1934, and came from the mining of barite.

MINERAL PRODUCTION OF LANDER COUNTY, 1865-1940
YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865.....	3,925	\$477,342	1904.....	40	\$19,905
1866.....	6,006	881,542	1905.....	205	21,513
1867.....	3,456	687,720	1906.....	193	74,976
1868.....	7,886	1,494,082	1907.....	2,038	85,241
1869.....	4,913	795,749	1908.....	593	24,521
1870.....	5,207	1,102,751	1909.....	768	17,306
1871.....	7,200	739,417	1910.....	996	40,458
1872.....	6,656	740,110	1911.....	1,501	89,110
1873.....	5,400	751,275	1912.....	4,147	57,557
1874.....	7,718	927,606	1913.....	17,528	158,451
1875.....	7,319	1,009,060	1914.....	12,690	94,629
1876.....	7,059	814,491	1915.....	.....	127,498
1877.....	5,689	616,028	1916.....	9,229	308,500
1878.....	7,251	725,361	1917.....	12,948	529,803
1879.....	6,717	683,620	1918.....	19,502	514,836
1880.....	5,607	627,809	1919.....	2,774	112,030
1881.....	6,948	936,191	1920.....	1,812	80,095
1882.....	4,370	602,018	1921.....	224	67,067
1883.....	5,307	915,977	1922.....	6,065	117,381
1884.....	3,553	701,097	1923.....	60,406	734,263
1885.....	2,002	499,800	1924.....	33,755	490,657
1886.....	6,328	306,189	1925.....	23,290	372,379
1887.....	9,126	304,773	1926.....	32,318	508,585
1888.....	11,027	220,722	1927.....	43,637	686,636
1889.....	29,988	311,846	1928.....	33,627	594,943
1890.....	3,262	111,228	1929.....	14,681	371,403
1891.....	7,381	160,125	1930.....	644	18,122
1892.....	7,138	179,027	1931.....	254	5,076
1893.....	5,848	193,301	1932*	.....	.....
1894*	.....	.....	1933.....	745	47,853
1895.....	402	73,605	1934.....	4,643	48,852
1896.....	439	57,745	1935.....	10,158	145,250
1897.....	263	46,372	1936.....	24,338	190,223
1898.....	.....	127,114	1937.....	17,580	282,055
1899.....	.....	120,170	1938.....	25,947	362,303
1900.....	.....	217,265	1939.....	22,484	383,682
1901*	.....	.....	1940.....	44,932	393,094
1902.....	75	228,924	.....	.....	.....
1903.....	625	169,896	.....	688,783	\$27,733,601

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Argenta.....	53,974	\$254,563
Battle Mountain (Galena, Bannock, Copper Canyon, Telluride, Copper Basin).....	207,218	4,825,080
Bullion (Lander, Campbell).....	4,398	450,369

*No recorded production.

DISTRICT SUMMARY—Continued

		Tons	Gross yield
Gold Basin.....		57	\$7,226
Gold Park (Jackson).....		92	3,061
Hilltop (Kimberly, Mayesville).....	23,886		424,669
Kingston (Santa Fe, Bunker Hill, Victorine, Summit).....	1,037		18,726
Lewis (Pittsburg, Dean, Mud Springs).....	188,460		3,188,805
McCoy.....	8,133		56,270
Newpass.....			450
Reese River (Austin, Amador, Yankee Blade)..	201,528		18,494,209
Tenabo.....			10,173
		688,783	\$27,733,601

DISTRICT PRODUCTION BY YEARS

ARGENTA		Year	Tons	Gross yield
Barite		1909.....	150	\$8,232
Year	Tons	Gross yield		
1934.....	3,516	\$3,516	322	17,994
1935.....	6,070	6,070	482	25,748
1936.....	11,913	11,913	51	2,246
1937.....	5,671	39,699	4,960	72,368
1938.....	13,180	92,263	12,690	94,629
1939.....	5,079	41,279	8,897	293,032
1940.....	8,545	59,823	12,034	465,003
	53,974	\$254,563	15,125	387,295
BATTLE MOUNTAIN		1919.....	921	58,331
(Galena, Bannock, Copper Canyon, Telluride, Copper Basin)		1920.....	1,786	77,954
Copper, Silver, Gold, Lead, Antimony		1921.....		37,360
1871.....	2,656	\$93,068	1,253	50,829
1872.....	1,351	88,329	22,011	193,314
1873.....	1,250	114,485	4,546	118,280
1874.....	830	69,561	1,133	37,122
1875.....	777	74,157	17,103	277,006
1876.....	505	36,705	11,878	277,546
1877.....	979	56,480	14,320	353,990
1878.....	93	39,679	644	18,122
1881.....	608	36,146	254	5,076
1882.....	601	41,452	430	38,554
1883.....	535	1,440	544	23,558
1902.....	75	56,108	1,874	52,414
1903.....	625	2,105	1,651	56,702
1904.....	40	1938.....	5,163	135,290
1905.....		1939.....	10,356	227,310
1906.....		1940.....	16,449	244,771
1907.....	1,452	27,382	209,862	
1908.....	432	14,402	207,218	\$4,825,080

DISTRICT PRODUCTION BY YEARS—Continued

BULLION (Lander, Campbell) Silver, Gold, Copper			KINGSTON (Santa Fe, Bunker Hill, Victorine, Summit)		
Year	Tons	Gross yield	Year	Tons	Gold, Silver
1869.....	2	\$1,018	1865.....	4	\$650
1871.....	92	4,486	1867.....	11	2,548
1874.....	206	25,480	1868.....	2	187
1881.....	2,299	80,985	1871.....	27	1,387
1883.....	38	6,872	1937.....	67	2,565
1888.....	64	5,614	1938.....	291	3,313
1889.....	45	2,764	1939.....	635	8,076
1915.....		867			
1917.....	154	9,881			
1933.....	220	6,596			1,037 \$18,726
1934.....	51	602			
1935.....	613	51,883			LEWIS
1936.....	614	51,834			(Pittsburg, Dean, Mud Springs)
1937.....		60,582	1876.....	410	\$47,709
1939.....		82,835	1878.....	1,599	71,371
1940.....		58,070	1879.....	3,508	140,320
			1880.....	3,000	94,500
	4,398	\$450,369	1881.....	274	26,470
			1882.....	824	79,430
			1887.....	83	9,444
			1888.....	102	43,341
1912.....	57	\$7,226	1890.....	778	16,632
			1913.....	28	4,355
			1916.....	332	15,468
1936.....	92	\$3,061	1917.....	569	35,346
			1918.....	914	38,418
			1922.....	4,812	66,552
			1923.....	38,163	536,889
1912.....	3,679	\$44,845	1924.....	28,982	371,705
1913.....	11,825	77,524	1925.....	23,290	372,379
1917.....	191	19,573	1926.....	31,145	466,828
1918.....	2,447	83,616	1927.....	26,534	409,630
1919.....	825	47,648	1928.....	21,749	317,397
1921.....	224	17,347	1938.....	1,277	20,451
1923.....	120	3,150	1939.....	36	956
1933.....	95	2,703	1940.....	51	3,214
1934.....	532	21,176			
1935.....	812	32,477			
1936.....	1,609	31,055	188,460	\$3,188,805	
1937.....	684	18,042			
1938.....	41	6,982			
1939.....	170	3,581	McCoy		
1940.....	632	14,950	Gold		
			1929.....	361	\$17,413
			1940.....	7,772	38,857
	23,886	\$424,669		8,133	\$56,270

DISTRICT PRODUCTION BY YEARS—Continued

	NEWPASS		Year	Tons	Gross yield
	Gold		1898.....	.....	\$127,114
Year	Tons	Gross yield	1899.....	.....	120,170
1935.....	.....	\$450	1900.....	.....	217,265
	REESE RIVER		1902.....	.....	227,484
	(Austin, Amador, Yankee Blade)		1903.....	.....	113,788
	Silver, Gold, Lead, Copper, Zinc		1904.....	.....	17,800
1865.....	3,921	\$476,692	1905.....	205	15,087
1866.....	6,006	881,542	1906.....	193	39,170
1867.....	3,445	685,172	1907.....	506	19,535
1868.....	7,884	1,493,895	1908.....	161	10,119
1869.....	4,911	794,731	1909.....	618	9,074
1870.....	5,207	1,102,751	1910.....	674	22,464
1871.....	4,425	640,476	1911.....	1,019	63,362
1872.....	5,305	651,781	1912.....	360	3,240
1873.....	4,150	636,790	1913.....	715	4,204
1874.....	6,682	832,565	1918.....	1,016	5,507
1875.....	6,542	934,903	1919.....	1,028	6,051
1876.....	6,144	730,077	1920.....	26	2,141
1877.....	4,710	559,548	1921.....	.....	12,360
1878.....	5,559	647,534	1923.....	112	910
1879.....	3,209	543,300	1924.....	227	672
1880.....	2,607	533,309	1926.....	40	4,635
1881.....	3,767	787,284	1935.....	789	1,956
1882.....	2,945	482,909	1936.....	8,459	32,088
1883.....	4,734	872,959	1937.....	5,995	23,141
1884.....	3,553	701,097	1938.....	802	8,117
1885.....	2,002	499,800	1939.....	115	2,184
1886.....	6,328	306,189	1940.....	550	8,318
1887.....	9,043	295,329			
1888.....	10,861	171,767		201,528	\$18,494,209
1889.....	29,943	309,082			
1890.....	2,484	94,596			
1891.....	7,381	160,125	1936.....	.....	\$3,570
1892.....	7,138	179,027	1937.....	.....	2,736
1893.....	5,848	193,301	1938.....	.....	3,867
1895.....	402	73,605			
1896.....	439	57,745			
1897.....	263	46,372			\$10,173

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

ARGENTA—		Period	Tons	Gross yield
Chemical and Pigment Company..	1934–1936		9,586	\$9,586
Glidden Paint Company.....	1936–1940		38,239	232,630
BATTLE MOUNTAIN (Galena, Ban-				
nock, Copper Canyon, Tel-				
luride, Copper Basin)—				
Adeen, Brown & Rick.....	1936–1938		5,550	7,128

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Altenburg, Kinneberg & Crosby.....	1935-1936	1,289	\$39,470
American Gem Company.....	1938-1940	2,146	20,283
Barium Products.....	1939-1940	24,671	73,494
Battle Mountain Mining Co.....	1871-1874	5,449	363,070
Bishop, Harry C.....	1939	720	6,179
Clark & Kirk.....	1938-1939	104	19,229
Collins, W. F.....	1927-1929	2,551	75,189
Copper Canyon Mining Co.....	1916-1940	53,626	1,568,173
Coulter, Govich & Smith.....	1938-1939	919	15,641
Dahl Placers.....	1915-1919	.....	401,762
DeWitt & Kelly.....	1918	418	11,436
Edison, J. H. & Company.....	1917-1918	2,407	35,457
Glasgow & Western.....	1913-1916	3,357	59,937
Goff & Govich.....	1928-1929	4,732	94,801
Goff Lease.....	1917-1918	1,008	38,365
Good & Kinneberg.....	1926-1928	9,115	187,404
Grand Hills Mine.....	1933-1936	.....	26,553
Greenan Placers.....	1939	.....	8,904
Imperial Development Co.....	1929	1,164	31,076
Iron Canyon Mining Co.....	1909-1911	954	51,974
Johnson & Dolezal.....	1935-1937	6,641	176,730
Kelly, J. L.....	1918	1,141	33,173
Kelly Lease.....	1918-1920	2,187	31,147
Little Gem Mine.....	1939	910	30,213
Madsen, Fred C.....	1938-1939	.....	8,210
Middleton, W. A.....	1938-1939	704	8,029
Nevada United Mines.....	1940	7,772	38,857
New Battle Mountain Mining Co...	1881-1883	1,744	117,278
Paul, Frank.....	1916	4,950	36,200
Smith & Clark.....	1928-1929	1,071	28,312
Sumin & Govich.....	1918-1926	71	5,733
Tenabo Consolidated Mines.....	1926	682	24,400
Toulon Arsenic Company.....	1922-1924	26,113	305,605
Troester, Paul.....	1939-1940	2,093	18,634
White & Shiloh.....	1873-1875	1,073	108,554
Williamson & Elder.....	1938	589	5,253
Wilson, D. F.....	1938-1939	546	17,193
BULLION (Lander, Campbell)—			
Campbell & Young.....	1874	123	15,990
Desert Placers.....	1935-1936	.....	19,739
Eagle Mines.....	1874	55	5,000
Goldacres Mine.....	1936-1940	.....	213,014
Mill Gulch Placers.....	1937-1939	.....	157,165
Silver Grey Mine.....	1888-1915	109	9,245
Silversides Mine.....	1881-1883	46	8,876

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

GOLD BASIN—	Period	Tons	Gross yield
Gold Basin Gold Mining Co.....	1912	57	\$7,226
HILLTOP (Kimberly, Mayesville)—			
Kattenhorn Mines.....	1913–1923	1,856	94,606
Kimberly Consolidated Mines.....	1913–1919	9,284	160,879
Mayesville Mining Company.....	1887–1890	885	33,331
Philadelphia West Mine.....	1912–1913	9,681	135,416
LEWIS (Pittsburg, Dean, Mud Springs)—			
Betty O’Neal Mines.....	1927–1928	146,083	2,194,000
Defiance Mine.....	1876	183	21,527
Dusang & Logan.....	1876	227	26,182
Eagle Silver Mine.....	1881–1887	137	13,383
Gold & Silver Circle Mines.....	1938–1939	1,813	21,407
Star & Grove Mining Co.....	1878–1881	10,367	383,031
Yreka Mine.....	1888	63	33,943
McCoy—			
Nevada Gold Dome Mines.....	1929	361	17,413
United Gold Mining Co.....	1940	7,772	38,857
REESE RIVER (Austin, Amador, Yankee Blade)—			
American Silver Mining Co.....	1867–1869	64	20,700
Argenta Mine.....	1869–1879	28	6,730
Aurora West Mine.....	1871	97	14,573
Austin Manhattan Consolidated Mining Company.....	1911	1,013	62,896
Austin Manhattan Silver Mining Company.....	1936–1938	.....	60,587
Austin Mining Company.....	1891–1897	4,566	475,305
Austin Silver Mining Co.....	1865–1891	57,403	11,223,970
Baker, C S. Mine.....	1868–1873	67	12,613
Bedford Mine.....	1879–1880	82	29,049
Beiss, John.....	1874–1878	29	5,343
Black Eagle Mine.....	1867–1883	85	30,727
Blind Ledge.....	1866	16	11,075
Blue Jacket Mine.....	1865–1872	104	12,386
Bonanza Little Mine.....	1879	31	8,108
Bonanza Mine.....	1876–1877	32	11,664
Boston & Nevada Gold and Silver Mining Co.....	1865–1866	215	16,693
Bradley & Company.....	1868–1871	29	12,064
Brannan Mining Company.....	1873–1879	48	7,027
Buel North Star Mine.....	1866–1871	2,161	502,943
Camargo Mine.....	1866–1871	160	13,396
Chase Mine.....	1865–1880	180	42,385
Chicago Mine.....	1869–1872	43	5,910

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

Check & Blaisdell (Niagara Mine).....	Period	Tons	Gross yield
	1866-1877	109	\$6,399
Collins, J. & Company.....	1876	35	7,393
Columbia Mine.....	1884	20	5,808
Confidence Mine.....	1865-1872	59	6,390
Cooper & Company.....	1874-1875	22	5,435
Cooper, H. H.....	1866-1878	317	31,801
Cullin, R.....	1866	174	62,203
Detroit Mine.....	1866-1879	365	134,673
Diana Gold & Silver Mining Co.....	1865-1872	815	107,368
Dollarhide Ledge.....	1867-1877	77	20,897
Eathan Allen Mine.....	1865-1871	29	7,138
Eclipse Ledge.....	1871-1881	290	69,158
Engstrom, F.....	1869-1875	35	8,769
Esther Mine.....	1865-1878	178	40,143
Farrell, J.....	1866-1872	32	5,910
Florida Mine.....	1865-1875	562	140,897
Florida West Mine.....	1869-1871	129	42,025
Fortuna Mine.....	1866-1869	92	19,673
Freehold Mine.....	1872-1875	150	23,672
Girard Mine.....	1866-1877	48	16,755
Good Hope Mine.....	1875-1877	16	6,673
Govich & Clark.....	1926-1927	152	8,727
Great Eastern Mines.....	1865-1883	2,126	228,993
Groves Mine.....	1865-1869	27	6,843
Grove Tunnel.....	1871-1878	456	85,675
Hardy & Dickman.....	1865-1871	76	29,230
Harnett Lane.....	1869	15	5,471
Hatfield, Jos.....	1873	41	5,608
Hatfield Tunnel.....	1872-1873	40	7,249
Homestake Mine.....	1875-1878	82	20,045
Homeward Bound Mine.....	1869	18	6,966
Hubbard Mining Company.....	1865-1866	78	10,580
Idora Mine.....	1866-1867	117	20,918
Iowa Tunnel.....	1872-1874	98	16,764
Isabella Mine.....	1866-1876	69	13,941
Jackscrew Mine.....	1875-1882	111	30,669
Jacobs & Company.....	1869-1875	251	63,209
Jenkins & Company.....	1874	41	11,691
Jewett, J. H.....	1868-1869	33	10,133
Joe Lane Ledge.....	1869	26	5,433
Keystone Mine.....	1866-1867	17	35,630
Kihock Ledge.....	1869	25	35,630
Kling & Ford.....	1870-1872	392	34,599
Kling & Kelly.....	1871-1874	400	27,419
Lane & Fuller (Pacific Mine).....	1869-1875	1,159	164,372

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Lee & Lund.....	1871-1878	94	\$25,300
Lindsey & Shepard.....	1867	35	10,425
Lone Star Mine.....	1871-1876	261	42,568
McCall, D.....	1866-1880	78	8,988
McCann (Patrick Mine).....	1871-1875	135	25,568
McFee Mine.....	1866-1879	53	22,914
Maggie Mine.....	1865-1872	102	9,581
Magnolia Mine.....	1865-1881	535	151,837
Mahoney, John.....	1870-1872	32	7,467
Manhattan Mining & Reduction Company.....	1888-1891	12,170	286,557
Maple Leaf Mine.....	1865-1866	66	9,981
Merede Mine.....	1883	16	5,862
Merritt, H. C.....	1868-1872	110	25,924
Mohawk Ledge.....	1870-1880	435	132,949
Morgan & Munsey.....	1865-1872	257	27,242
Morning Star (Morgan Mine).....	1893	3,616	48,437
Morris & Caple.....	1867-1880	1,387	217,910
Morse Ledge.....	1865-1868	106	9,417
Moss, J.....	1865-1877	163	168,246
Mullin, G. H.....	1869-1883	45	17,065
Naid Queen Mine.....	1865-1866	29	6,016
Nevada Boy Mine.....	1873-1875	128	20,446
New York & Austin Silver Mining Co.....	1867-1868	412	139,144
Nicklas Mining Company.....	1918-1919	2,036	11,053
North River Mine.....	1865-1877	166	29,542
North Star Mine.....	1865-1869	1,574	150,246
Occidental Mine.....	1872-1877	58	15,350
O'Kane, Thos.....	1871-1875	73	13,262
O'Neil.....	1866-1873	112	18,734
Oregon Mine.....	1866-1872	664	87,687
Orr, Robt. & Company.....	1866-1869	18	6,718
Pacific Mining Company.....	1867-1877	1,172	141,847
Patriot Ledge.....	1867-1883	383	123,526
Pittsburg Mining & Milling Co....	1886-1892	41,328	412,824
Pittsburg Red Top.....	1912-1913	1,075	7,444
Plymouth Mine.....	1867-1882	131	40,498
Providential Mine.....	1866	155	6,905
Reed & Wilbur.....	1868-1879	66	21,323
Roberts, C. H. & Company.....	1868-1879	34	11,326
Samanthe Mine.....	1866-1875	28	5,903
Sam Brannan Mine.....	1866-1881	30	5,162
San Francisco Mine.....	1877-1883	30	5,774
Saratoga Mine.....	1866-1871	46	12,069

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Savage Gold & Silver Mining Co...	1865-1876	2,551	\$317,882
Saybrook Mine.....	1871-1873	98	24,771
Schoof Mine.....	1876-1877	29	5,765
Seymour Mine.....	1891	48	7,066
Silver Belt Ledge.....	1868-1869	19	5,067
Silver Chamber Mine.....	1866-1870	176	19,100
Silver Wedge Mine.....	1878-1882	104	43,095
Sinnott & Casey.....	1868-1877	47	9,650
Sonoma Gold & Silver Mining Company.....	1865-1877	168	25,276
Southall & O'Kane.....	1871-1877	77	7,785
South American Mine.....	1865-1873	189	48,006
Southern Light Mine.....	1866	22	5,335
Star of Nevada Tunnel Co.....	1871-1874	101	13,022
Thompson, S. D.....	1865-1870	30	5,286
Timoke Claim.....	1865-1876	607	116,250
Toulumne Mine.....	1866-1873	51	14,744
Trask & Woods.....	1870-1874	36	10,374
Troy Gold & Silver Mining Co.....	1865-1877	344	83,357
Turner, James.....	1871-1877	34	5,368
Ward Mine.....	1874-1877	71	15,885
Warren, W.....	1870-1876	158	30,686
Washington Mine.....	1866-1876	81	16,329
West Point Gold & Silver Co.....	1865-1866	44	5,903
Whitlach Union Gold & Silver Mining Co.....	1865-1875	637	67,453
Whitlach Yankee Blade Silver Mining Co.....	1865-1871	23,779	63,826
Willard & Osborne.....	1868	9	10,111
Williams Mine.....	1866-1876	108	27,056
Yankee Blade Claims.....	1865-1876	412	49,885

LINCOLN COUNTY

Production figures were obtained from the following sources:

1865-1868—No county records available.

1869-1940—County records at Pioche, but only partially complete from July 1929 to June 1937.

Only a small amount of mining was done in Lincoln County until 1869, when the Pioche district began to produce. In the following six-year period more than \$17,000,000 was recorded practically all from Pioche; then came a steady decrease until 1886 when but \$9,000 was produced. Heavy production rose again to more than \$9,000,000 for a second six-year period following 1896, mostly from the Delamar district. A decrease in production again followed until 1915 when the Pioche district is credited with about \$4,000,000 from 1915-1917, inclusive. Again in 1929 the county produced over \$1,000,000, about three quarters of which came from the Pioche district and the balance from the Bristol; and in the last four years of this period over \$2,000,000 a year has been reported, most of which came from the Pioche district.

Pioche (Ely, Highland) has been the most productive district in the county. It is credited with more than \$40,000,000 in silver, lead, gold, copper, zinc, and manganese, or two thirds of the county's total production. Beginning with 1869 the Meadow Valley and Raymond and Ely companies were the principal producers until the early eighties, followed by the Pioche Silver mine, American Flag, Mendha, Newark and Pioche Consolidated. Since early in the 1900's the principal producers have been the Amalgamated Pioche, Combined Metals, Prince Consolidated and Virginia Louise.

The Delamar (Ferguson) district is the second highest producer with more than \$14,000,000 in gold and silver, most of which came in the late nineties, and the Bristol (Jack Rabbit) is the next, with a total of more than \$4,000,000. The Groom district was organized in 1869, but was abandoned after a few years. It was reopened in 1915 since which time it is credited with more than one third of a million dollars in lead and silver. The Eagle Valley district during 1900-1902 produced almost \$300,000 with the Horseshoe Gold Mining Company as the principal producer. Smaller producing districts were the Atlanta (Silver Park), Caliente, Comet, Pahranagat and Tem Piute.

MINERAL PRODUCTION OF LINCOLN COUNTY, 1865-1940
YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865*			1904.....	120,044	\$689,832
1866*			1905.....	134,909	709,971
1867*			1906.....	140,449	887,378
1868*			1907.....	95,285	705,434
1869.....	83	\$9,447	1908.....	135,596	611,521
1870.....	9,156	1,666,582	1909.....	95,646	458,931
1871.....	21,529	3,605,823	1910.....	760	10,640
1872.....	21,069	5,466,351	1911.....	20,494	97,079
1873.....	25,885	3,741,499	1912.....	85,060	987,280
1874.....	40,726	1,609,754	1913.....	85,183	773,640
1875.....	9,775	1,020,390	1914.....	80,736	699,319
1876.....	6,437	823,704	1915.....	128,531	1,138,371
1877.....	4,063	538,448	1916.....	154,060	1,629,008
1878.....	15,669	571,691	1917.....	136,751	1,613,157
1879.....	21,698	686,859	1918.....	104,129	350,794
1880.....	5,012	160,825	1919.....	82,194	839,928
1881.....	9,899	260,115	1920.....	71,871	877,041
1882.....	7,029	386,374	1921.....	31,390	371,938
1883.....	153	178,422	1922.....	30,565	334,882
1884.....	3,570	99,291	1923.....	52,856	508,584
1885.....	506	11,330	1924.....	62,818	508,225
1886.....	7	9,008	1925.....	81,927	912,185
1887.....	3,586	32,249	1926.....	70,744	748,462
1888.....	560	44,291	1927.....	44,002	397,624
1889.....	1,340	58,960	1928.....	58,227	552,620
1890.....	7,058	202,518	1929.....	105,795	1,141,259
1891.....	7,710	219,909	1930*	.....	.....
1892.....	4,846	176,494	1931*	.....	.....
1893.....	4,415	111,870	1932.....	714	39,538
1894.....	3,883	130,132	1933.....	451	29,753
1895.....	11,561	662,044	1934.....	14,946	145,971
1896.....	58,465	1,964,503	1935.....	25,844	339,655
1897.....	92,402	2,195,961	1936.....	4,464	266,201
1898.....	105,779	1,759,433	1937.....	162,876	3,622,269
1899.....	115,212	1,292,461	1938.....	105,486	1,947,216
1900.....	120,051	1,114,939	1939.....	56,337	1,672,657
1901.....	103,539	778,946	1940.....	68,931	1,587,439
1902.....	3,960	71,792			
1903.....	31,583	139,033		3,528,287	\$60,007,250

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Atlanta (Silver Park, Silver Springs).....	683	\$33,468
Bristol (Jack Rabbit).....	362,449	4,393,453

*No recorded production.

DISTRICT SUMMARY—Continued

	Tons	Gross yield
Caliente.....	584	\$16,619
Chief.....	189	7,306
Comet.....	175	15,421
Delamar (Ferguson).....	1,277,505	14,133,824
Eagle Valley (Fay, Stateline).....	42,018	285,465
Groom.....	5,797	374,787
Pahranagat (Hiko).....	1,522	61,022
Pioche (Ely, Highland).....	1,820,408	40,364,333
Tem Puite.....	11,876	156,450
Unknown.....	5,081	165,102
	3,528,287	\$60,007,250

DISTRICT PRODUCTION BY YEARS

ATLANTA (Silver Park, Silver Springs)		Year	Tons	Gross yield
Silver, Gold, Copper, Lead		1899.....	328	\$25,464
Year	Tons	Gross yield	1906.....	2,306
1870.....	373	\$23,153	1908.....	261
1871.....	34	2,898	1911.....	13,168
1875.....	3	604	1912.....	10,960
1876.....	4	424	1913.....	7,310
1877.....	10	2,076	1914.....	1,588
1878.....	9	2,272	1915.....	2,295
1917.....	250	2,041	1916.....	11,751
	683	\$33,468	1917.....	6,027
			1918.....	5,115
				89,681
				65,454
BRISTOL (Jack Rabbit)		1920.....	10,703	243,032
Silver, Copper, Lead, Gold, Manganese		1921.....	11,342	204,664
1875.....	160	\$9,029	1922.....	13,642
1876.....	8	684	1923.....	6,785
1877.....	79	20,803	1924.....	2,787
1878.....	3,654	91,814	1925.....	10,338
1879.....	10,729	356,180	1926.....	23,611
1880.....	2,657	82,893	1927.....	28,310
1881.....	4,309	135,631	1928.....	20,337
1882.....	5,647	179,647	1929.....	48,817
1883.....	8	294	1934.....	12,688
1884.....	3,570	95,118	1935.....	22,019
1886.....	7	9,008	1937.....	16,652
1887.....	450	3,511	1938.....	27,907
1888.....	213	7,385	1939.....	3,187
1892.....	9	3,586	1940.....	10,458
1893.....	30	4,500		
1896.....	55	2,169	362,449	\$4,393,453

DISTRICT PRODUCTION BY YEARS—Continued

CALIENTE		Year	Tons	Gross yield
Gold, Silver, Copper, Lead		1908.....	129,940	\$522,534
Year	Tons	1909.....	74,040	248,431
1925.....	31	1928.....	48	955
1934.....	74	1932.....	714	39,538
1935.....	190	1933.....	451	29,753
1936.....	129	1934.....	1,468	50,603
1938.....	63	1935.....	2,421	184,061
1939.....	97	1936.....	836	196,266
	584	1937.....	806	206,532
		1938.....	1,368	207,232
CHIEF		1939.....	2,859	194,362
Gold, Silver, Copper, Lead		1940.....	945	130,701
1937.....	88			
1939.....	58		1,277,505	\$14,133,824
1940.....	43			
	189			
COMET		EAGLE VALLEY (Fay, Stateline)		
Silver, Lead, Gold, Copper		Gold, Silver, Lead		
1895.....	20	1900.....	13,392	\$89,629
1896.....	13	1901.....	21,990	155,488
1898.....	11	1902.....	3,960	23,878
1912.....	34	1904.....	2,579	15,526
1913.....	28	1939.....	97	944
1920.....	69			
	175		42,018	\$285,465
DELAMAR (Ferguson)		GROOM		
Gold, Silver		Lead, Silver		
1892.....	21	1915.....	203	\$8,888
1893.....	347	1916.....	1,564	94,356
1894.....	384	1917.....	1,564	113,947
1895.....	11,465	1918.....	1,146	90,353
1896.....	58,004	1923.....	95	6,150
1897.....	92,227	1924.....	193	13,956
1898.....	101,566	1925.....	279	20,380
1899.....	114,740	1926.....	248	11,516
1900.....	106,487	1927.....	144	7,780
1901.....	81,549	1928.....	99	6,585
1902.....		1937.....	262	876
	47,914			
1903.....	31,583		5,797	\$374,787
	139,033			
PAHRANAGAT (Hiko)		Silver, Lead, Copper		
1904.....	117,465	1869.....	5	\$772
1905.....	134,909	1870.....	159	14,090
1906.....	120,761	1874.....	7	534
1907.....	90,101	1875.....	18	624

DISTRICT PRODUCTION BY YEARS—Continued

PAHRANAGAT—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1896.....	.....	\$17,610
1880.....	182	\$4,900	1897.....	175	12,836
1881.....	212	4,300	1898.....	4,099	53,473
1882.....	7	581	1899.....	96	8,690
1883.....	2	111	1906.....	17,382	172,529
1885.....	126	2,923	1907.....	5,184	182,962
1892.....	15	5,051	1908.....	5,395	80,604
1893.....	41	3,853	1909.....	21,606	210,500
1894.....	233	6,447	1910.....	760	10,640
1896.....	293	4,204	1911.....	7,326	46,776
1898.....	103	1,376	1912.....	74,042	886,783
1899.....	48	4,091	1913.....	77,845	608,614
1912.....	24	3,975	1914.....	78,549	657,012
1939.....	32	1,134	1915.....	126,033	1,086,092
1940.....	15	2,056	1916.....	140,745	1,384,549
			1917.....	128,910	1,407,488
	1,522	\$61,022	1918.....	97,868	194,987
			1919.....	82,194	839,928
			1920.....	61,099	624,658
			1921.....	20,048	167,274
			1922.....	16,923	123,606
1869.....	4	\$2,821	1923.....	45,976	369,718
1870.....	8,624	1,629,339	1924.....	59,838	429,801
1871.....	21,460	3,592,151	1925.....	71,279	802,143
1872.....	21,031	5,462,572	1926.....	46,885	539,789
1873.....	25,247	3,709,864	1927.....	15,548	180,429
1874.....	40,236	1,594,673	1928.....	37,743	347,966
1875.....	9,594	1,010,133	1929.....	56,978	706,697
1876.....	6,420	821,561	1934.....	716	10,388
1877.....	3,974	515,569	1936.....	2,408	39,602
1878.....	11,976	471,628	1937.....	144,624	3,303,069
1879.....	9,246	318,406	1938.....	76,148	1,609,004
1880.....	2,124	70,654	1939.....	50,007	1,444,308
1881.....	5,378	120,184	1940.....	48,443	1,271,738
1882.....	1,340	204,937			
1883.....	88	171,195			
1884.....		4,073		1,820,408	\$40,364,333
1885.....	268	8,168			
1887.....	3,181	21,481			
					TEM PIUTE
					Silver, Tungsten
1888.....	347	36,906	1869.....	24	\$3,934
1889.....	1,340	58,960	1871.....	35	3,505
1890.....	7,058	202,518	1874.....	2	500
1891.....	7,710	219,909	1876.....	5	1,035
1892.....	4,801	156,441	1878.....	30	5,977
1893.....	3,997	76,847	1883.....	4	378
1894.....	2,066	31,166	1935.....	1,214	32,804
1895.....	76	19,914	1936.....	1,091	26,403

DISTRICT PRODUCTION BY YEARS—Continued

ITEM	PIUTE—Continued	Year	Tons	Gross yield
Year	Tons	Gross yield		
1937.....	444	\$7,490	1882.....	35 \$1,209
1940.....	9,027	74,424	1883.....	51 6,444
			1884.....	100
			1885.....	112 239
	11,876	\$156,450	1887.....	5 7,257
			1894.....	1,200 59,954
UNKNOWN			1896.....	100 3,500
1869.....	50	\$1,920	1899.....	..... 861
1871.....	.....	7,269	1912.....	..... 37
1872.....	38	3,779	1914.....	599 12,200
1873.....	638	31,635		
1874.....	481	14,047		
1879.....	1,723	12,273		
1880.....	49	2,378		
			5,081	\$165,102

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

	Period	Tons	Gross yield
ATLANTA (Silver Park)—			
Silver Park Mining Company.....	1876	373	\$23,153
BRISTOL (Jack Rabbit)			
Black Metals.....	1918–1927	32,249	182,950
Bristol Consolidated M. & S.			
Company.....	1907–1909	2,911	140,481
Bristol Mill.....	1886	.....	8,278
Bristol Silver Mines.....	1881–1940	252,553	2,541,774
Cane Mine	1888	98	7,087
Christian & Lloyd.....	1906	1,828	93,020
Consolidated California &			
Nevada Company.....	1915–1916	2,607	48,023
Day Bristol Consolidated			
Mining Company.....	1911–1914	31,811	321,324
Day Leasing Company.....	1914	674	6,304
Day Mining Company.....	1869–1879	1,524	100,137
Day Silver Mining Co.....	1879–1886	11,141	302,750
E. & F. Mining Co.....	1906–1918	553	21,274
Fernandez & Company.....	1908	183	5,514
Great Eastern Silver Mining Co..	1880–1900	203	10,368
Home Run Copper Co.....	1912	191	6,287
Oregon Short Live Mining Co.....	1899	268	20,530
Nevada Copper Company.....	1916–1918	21,745	288,236
CALIENTE—			
Caliente Cobalt Mining Co.....	1934–1940	535	15,657
CHIEF—			
Chief Mine.....	1937–1940	189	7,306
COMET—			
Stella Mining Company.....	1920	69	9,351

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
DELAMAR (Ferguson)—			
April Fool & Monitor.....	1892-1902	36,608	\$837,116
Bamberger-Delamar Gold Mining Co.....	1903-1909	694,664	3,419,568
Berry, J. M.....	1938	521	17,914
Caliente Cyaniding Company.....	1935-1940	.....	1,067,468
Delamar Exploration Company ..	1932-1939	529,345	8,597,412
Fraser, Norman D.....	1937-1938	.....	9,991
Robbins, Don.....	1911	33	8,305
Swifter Mine.....	1897	1,614	39,696
EAGLE VALLEY (Fay, Stateline)—			
Horseshoe Gold Mining Co.....	1900-1902	39,342	268,995
Newport-Nevada Mining & Milling Company.....	1904	2,579	15,526
GROOM—			
Groom Mine.....	1915-1937	5,737	367,325
PAHRANAGAT (Hiko)—			
Jim Crowe Mine.....	1894	1,200	57,954
PIOCHE (Ely, Highland)—			
Alps Silver Mining Co.....	1872-1883	3,651	283,746
Amador Tunnel.....	1872-1873	755	49,413
Amalgamated Pioche Mining & Leasing Co.....	1913-1937	38,216	557,757
American Slag Mining Co.....	1872-1881	11,764	183,815
Bliss, Mary N.....	1870	600	33,000
Boston & Pioche.....	1908-1909	60	13,327
Bowen Consolidated.....	1872	286	36,165
Cannon Gassett Co.....	1871	315	46,939
Casey, Courtney & Doody.....	1871	294	26,355
Chapman Mining & Smelting Company.....	1872-1875	296	26,233
Chief of Hill Mine.....	1872-1877	729	90,343
Church & Company.....	1870-1872	195	39,010
Colbath & Roeder.....	1914	434	8,118
Combined Metals Reduction Co....	1917-1940	510,243	10,251,490
Desdemona Mining Co.....	1874-1880	157	9,710
Floral Mill.....	1875-1885	8	25,421
Fuller, Mortimer.....	1869	75	5,226
Godbe & Company.....	1884-1914	2,338	10,662
Hamburg Mine.....	1916-1924	2,671	87,074
Hackett.....	1872	257	49,840
Henderson & Company.....	1869-1887	221	8,139
Hermes Silver Mining Co.....	1873	570	40,000
Hillside Mining & Milling Co.....	1878-1914	12,651	428,423
Hosmer, Brown & Parker.....	1913	328	5,184
Huhn & Hunt.....	1873-1887	755	23,262
Independence Mine.....	1880-1881	85	5,733

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
James & Company.....	1873-1875	937	\$30,733
Jennings.....	1874	35	10,162
Leahigh.....	1875	60	6,016
McCannon, P.....	1871	922	85,021
McDougal, Hawkins & Wright.....	1871	124	10,176
McMae, J. & Company.....	1871	.....	7,269
Magnet.....	1872-1875	.....	381,722
Mathews Lease.....	1940	545	6,397
Meadow Valley Mining Co.....	1869-1912	88,574	5,795,912
Mendah Mining & Milling Co.....	1873-1924	10,100	158,543
Mezeppe Silver Mining Co.....	1872-1878	2,689	128,906
Montgomery & Company.....	1875-1880	72	5,358
Morton & Company.....	1874	47	5,972
National Mining Company.....	1875-1896	146	5,869
Nesbitt, J. & Brother.....	1894-1914	5,103	70,263
Nevada Mining Company.....	1877-1898	4,091	41,145
Nevada Utah Mining & Smelting Company.....	1908-1911	28,865	187,193
Newark Silver Mining Co.....	1873-1879	6,252	289,523
Onondaga Mine.....	1887-1914	308	21,186
Patten, J. E.....	1871	.....	6,272
Peavine Silver Mining Co.....	1872-1877	133	8,279
Phoenix Reduction Company.....	1894-1897	.....	39,862
Pioche Consolidated.....	1887-1893	20,174	524,609
Pioche Mines.....	1937-1938	15,386	110,753
Pioche Silver Mining Co.....	1871-1878	5,397	441,967
Pioche Union Mines Co.....	1924	8,481	34,096
Polaris.....	1893-1894	269	24,600
Poorman.....	1887-1899	399	38,758
Poujade, Joseph.....	1887-1890	76	6,769
Prince Consolidated Mining Co....	1909-1938	782,221	7,872,728
Raymond & Ely Mining Co.....	1869-1881	148,755	10,293,127
Salt Lake.....	1939	749	37,188
Silver Peak Mining Co.....	1873-1874	302	8,833
Snyder Brothers.....	1912-1913	572	10,144
Spring Mountain Mining Co.....	1873-1892	156	8,621
Stendl & Donohue.....	1919	396	43,978
Sullivan & Company.....	1878-1880	100	12,459
Virginia Louise.....	1918-1925	91,412	685,331
Washington & Creole.....	1872-1883	1,625	117,983
Willow & Hoskins.....	1919-1920	79	5,148
Yuba Mine.....	1888-1914	4,152	178,939
TEM PIUTE—			
Inca Mine.....	1869-1879	30	5,976

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—*Continued*

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Lincoln Mine.....	1940	9,027	\$74,424
North Tem Piute Mining and Development Co.....	1937	.....	7,490
Russell.....	1869-1879	39	5,095
Ryan, J. W. & Company.....	1869-1883	1,687	28,489
Tem Piute Mining Co.....	1869-1936	1,093	26,903

LYON COUNTY

The Lyon County production figures include about 475 square miles, covering the Pine Grove district, which was withdrawn from Mineral County in 1933.

Production figures were obtained from the following sources:

1865-1897—From reports of the State Mineralogist of Nevada, the State Controller, and those of the Director of the U. S. Mint, as no county records were available.

1898-1940—From county records at Yerington.

The first discovery of gold in Nevada was in May 1850, at the present site of Dayton, and the unrecorded recovery in subsequent placer operations during Territorial days in Gold Canyon was variously estimated at a third to two thirds of a million dollars.

From the beginning of recorded production in this county up to 1905, inclusive, most of the mining was done in the Silver City district, producing more than \$8,000,000. It produced heavily again from 1934 to 1940, with a yearly average of about \$500,000, due mainly to the Dayton Consolidated Mines.

An increased production in 1920-1922 was due to the dredging operations carried on by the Gold Canyon Dredging Company. In all, this district has accounted for 40 percent of the county's production of \$32,000,000.

The Yerington (Ludwig-Mason) has been the largest producing district in the county, accounting for 53 percent of the total. The main copper mines were the Mason Valley, the Nevada Douglas, and the Bluestone. There were three periods of district activity: 1912 and 1913 with a production of approximately \$3,500,000, 1917 and 1919 of \$7,000,000, and 1927 and 1928 of \$3,000,000.

Most of the \$778,000 credited to the Pine Grove district came in the early years 1870-1881. The Como district's production of about \$500,000 came mainly in the two periods of 1919-1920, and of 1935-1936. Mound House, a gypsum producing district, averaged about \$65,000 per year over a seven-year period. The Ramsey district was active in 1915, but made only a small production until 1939-1940 when a total of \$240,000 was recorded. Smaller producers were the Churchill, Spring Valley, and Talapoosa districts.

During the early years there were a great many mills along

the Carson River operating on ore from both Lyon and Storey County mines, and the production was reported by the individual mines. The production from these mills has been credited to Lyon County although a good part may have come from Storey County.

MINERAL PRODUCTION OF LYON COUNTY, 1865-1940

YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*			1904.....	3,567	\$78,929
1866*			1905.....	4,040	105,584
1867*			1906.....	13,633	191,491
1868*			1907.....	12,197	186,654
1869*			1908.....	25,174	67,297
1870.....	663	\$27,912	1909.....	1,491	78,187
1871.....	73,123	726,881	1910.....	12,636	84,471
1872.....	37,765	719,599	1911.....	22,562	80,434
1873.....	67,846	725,281	1912.....	257,588	2,185,828
1874.....	13,592	553,944	1913.....	209,104	1,391,680
1875.....	3,439	405,735	1914.....	52,843	347,652
1876.....	856	400,088	1915.....	35,241	520,578
1877.....	4,932	491,327	1916.....	27,998	568,103
1878.....	3,544	520,054	1917.....	276,030	3,054,750
1879.....		328,143	1918.....	399,649	4,296,646
1880.....		411,155	1919.....	78,641	610,636
1881.....		470,740	1920.....	38,119	369,689
1882.....		269,392	1921.....	1,150	151,302
1883.....	362	178,785	1922.....	2,300	139,964
1884.....	886	270,642	1923.....		128,919
1885.....	142	177,134	1924.....	47,635	27,194
1886.....	2,857	201,066	1925.....		15,861
1887.....	2,469	80,445	1926.....	89,859	513,977
1888.....	9,031	264,156	1927.....	494,995	1,607,463
1889.....	1,786	59,614	1928.....	495,088	1,670,353
1890.....	1,984	162,141	1929.....	167,727	567,886
1891.....	3,552	228,851	1930.....		360
1892.....	630	61,880	1931*		
1893.....	6,404	126,715	1932*		
1894.....	843	132,025	1933.....	1,660	60,569
1895.....	365	106,637	1934.....	31,839	301,567
1896.....	14,699	137,039	1935.....	145,124	1,048,813
1897.....	528	67,114	1936.....	83,434	912,865
1898.....	1,077	91,506	1937.....	45,704	312,980
1899.....		53,544	1938.....	94,983	679,488
1900.....	1,000	76,292	1939.....	35,838	452,357
1901.....	1,190	57,396	1940.....	32,963	465,815
1902.....	11,666	68,120			
1903.....	179	77,664	3,508,172	\$32,005,359	

*No recorded production.

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Churchill.....	16,372	\$101,412
Como (Palmyra, Indian Springs).....	94,673	511,540
Mound House.....	.....	451,982
Pine Grove (Rockland, Wilson).....	59,983	778,734
Ramsey.....	11,061	373,325
Silver City (Chinatown, Dayton, Devil's Gate Gold Canyon).....	673,003	12,740,785
Spring Valley.....	2,064	29,400
Talapoosa.....	980	12,401
Yerington (Ludwig, Mason).....	2,649,851	17,003,283
Unknown.....	185	2,497
	3,508,172	\$32,005,359

DISTRICT PRODUCTION BY YEARS**CHURCHILL**

	<i>Tungsten</i>	
<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1915.....	2,752	\$17,889
1934.....	688	4,474
1935.....	1,575	10,567
1936.....	1,658	10,780
1937.....	2,144	13,936
1938.....	2,029	7,844
1939.....	2,774	18,033
1940.....	2,752	17,889
	16,372	\$101,412

MOULD HOUSE

	<i>Gypsum</i>	
<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1914.....	\$62,938
1915.....	59,002
1916.....	69,692
1917.....	73,772
1918.....	59,105
1919.....	75,894
1920.....	51,579
		\$451,982

PINE GROVE (Rockland, Wilson)

	<i>Gold, Silver</i>	
	<i>Gold, Silver</i>	
1900.....	1,000	\$6,952
1901.....	1,190	2,831
1911.....	1,000	7,655
1915.....	2,378	15,950
1919.....	8,167	74,011
1920.....	11,746	85,034
1935.....	36,575	86,783
1936.....	23,958	152,561
1938.....	723	3,252
1939.....	1,410	9,299
1940.....	6,526	67,212
	94,673	\$511,540

	<i>Gold, Silver</i>	
	<i>Gold, Silver</i>	
1870.....	663	\$27,912
1871.....	2,113	35,279
1872.....	1,500	24,097
1873.....	1,847	21,381
1874.....	1,451	25,246
1875.....	1,702	32,050
1876.....	666	16,288
1877.....	3,015	85,310
1878.....	2,060	48,411
1881.....	.....	75,590
1883.....	.....	6,437
1887.....	103	3,685
1888.....	232	3,984
1889.....	200	1,131

DISTRICT PRODUCTION BY YEARS—Continued

PINE GROVE—Continued		Year	Tons	Gross yield
Year	Tons			
1894.....	688	\$13,625	1890.....	1,984
1896.....	899	21,603	1891.....	3,552
1897.....	247	5,363	1892.....	630
1899.....	.....	28,386	1893.....	6,404
1900.....	.....	9,885	1894.....	155
1915.....	8,635	69,618	1895.....	365
1916.....	20,372	140,556	1896.....	13,800
1917.....	14,090	82,897	1897.....	281
			1898.....	1,077
		59,983		\$778,734
RAMSEY		1899.....	.....	91,506
Gold, Silver		1900.....	.....	25,158
1915.....	3,215	\$97,327	1901.....	59,455
1933.....	42	3,431	1902.....	54,565
1934.....	187	13,303	1903.....	68,120
1936.....	3,371	19,157	1904.....	77,664
1939.....	1,031	142,780	1905.....	78,929
1940.....	3,215	97,327	1906.....	105,584
		11,061		4,040
			1907.....	12,058
SILVER CITY		1908.....	9,790	94,651
(Chinatown, Dayton, Devil's Gate, Gold Canyon)		1909.....	65,587	65,587
Gold, Silver		1910.....	25,174	67,297
1871.....	71,010	\$691,602	1911.....	1,491
1872.....	36,265	695,502	1912.....	78,187
1873.....	66,499	703,900	1913.....	12,636
1874.....	12,141	528,698	1914.....	84,471
1875.....	1,737	373,685	1915.....	21,562
1876.....	190	383,800	1916.....	72,779
1877.....	1,917	406,017	1917.....	8,465
1878.....	1,484	471,643	1918.....	33,176
1879.....	.....	328,143	1919.....	17,154
1880.....	.....	411,155	1920.....	55,531
1881.....	.....	395,150	1921.....	27,208
1882.....	.....	269,392	1922.....	216,652
1883.....	362	172,348	1923.....	20,194
1884.....	886	182,536	1924.....	62,908
1885.....	142	177,134	1925.....	99,463
1886.....	2,857	201,066	1926.....	151,302
1887.....	2,366	62,367	1927.....	139,964
1888.....	8,799	215,848	1928.....	30,085
			1929.....	641
			1930.....	3,697
			1931.....	346
			1932.....	8,789
			1933.....	42,890
			1934.....	9,976
			1935.....	360
			1936.....	26,068
			1937.....	223,536
			1938.....	918,671
			1939.....	711,974

DISTRICT PRODUCTION BY YEARS—Continued

Year	SILVER CITY—Continued	Year	Tons	Gross yield
1937.....	30,957	1914.....	46,743	\$257,506
1938.....	59,115	1915.....	12,225	34,554
1939.....	16,685	1916.....	7,626	357,855
1940.....	8,048	1917.....	261,940	2,877,887
		1918.....	399,649	4,237,541
		1919.....	61,849	397,823
	673,003	1920.....	25,073	133,613
		1923.....		98,834
		1924.....	46,994	23,497
1934.....	2,064	1925.....		15,515
		1926.....	89,859	513,977
		1927.....	494,995	1,598,674
		1928.....	495,088	1,627,463
		1929.....	167,727	557,910
		1933.....		31,070
	980	1934.....	438	30,854
		1935.....	16,441	32,792
		1936.....	6,502	18,893
		1937.....	12,603	85,139
1884.....		1938.....	32,931	92,367
1887.....		1939.....	13,938	29,031
1888.....		1940.....	12,225	34,554
1891.....				
1906.....	1,575			
1907.....	2,407			
1912.....	249,073			
1913.....	191,950			
		1938.....	185	\$2,497

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

CHURCHILL—	Period	Tons	Gross yield
Industrial Minerals and			
Chemical Co.....	1936–1940	14,956	\$97,135
Como (Palmyra, Indian Springs)—			
Como Mines Company.....	1919–1936	78,376	391,062
Hully & Logan Mine.....	1900–1940	8,076	76,995
Nevada Deep Mines Company.....	1911	1,000	7,655
St. Joe Consolidated			
Mines Co.....	1935–1939	1,104	8,095
Star of the West Lease.....	1939	36	1,118
MOUND HOUSE—			
Pacific Portland Cement Co.....	1914–1920		451,982
PINE GROVE (Rockland, Wilson)—			
Dolores-Rockland.....	1870–1878	2,747	74,503
Interstate Mining & Develop-			
ment Co.....	1933–1934	443	43,037
Midas Mine.....	1870–1878	336	8,883

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Pittsburg-Dolores.....	1915-1917	42,597	\$263,071
Wheeler Mine.....	1873-1878	6,038	165,911
Wilson Mine.....	1870-1899	7,623	220,368
RAMSEY—			
Hills of Home Mining Co.....	1939-1940	4,246	240,107
Hully-Logan Lease.....	1940	3,220	97,327
Lahontan Mining Company.....	1936	3,371	19,157
Ranier Investment & Mining Co....	1933-1934	224	16,734
SILVER CITY—			
Atlanta Mill.....	1871-1884	.....	366,464
Bacon.....	1877-1878	.....	331,818
Beill, Jas.....	1888	1,400	6,650
Birdsall, F. & Co.....	1871-1877	.....	723,564
Briggs, John.....	1872-1873	2,931	16,271
Buckeye Mine.....	1871-1939	19,367	187,255
Carson Mill.....	1871-1873	.....	696,010
Comstock Milling & Mining Co.....	1901-1922	.....	107,397
Comstock Tunnel Co.....	1901-1908	34,628	59,466
Dalzell Mill.....	1904	.....	226,300
Darwin, George W.....	1874-1875	525	8,712
Davis Mill.....	1898-1902	.....	76,331
Dayton Consolidated Mines.....	1934-1940	194,070	2,160,819
Dayton Douglas Cyanidation Co... <td>1935-1940</td> <td>.....</td> <td>191,196</td>	1935-1940	191,196
Dayton Gold-Silver Mining Co....	1871-1875	30,588	315,001
Dayton Placers.....	1917	.....	20,194
Dayton Syndicate.....	1928	.....	42,890
Desert Mill.....	1871-1874	.....	296,094
Donovan, Wm.....	1909-1925	.....	176,767
Dunson & Pollard.....	1905	.....	8,819
Eureka Mill.....	1871-1902	.....	380,472
Excelsior Mill.....	1871-1891	.....	228,118
Fair, Mackay & Company.....	1874	.....	7,000
Fitch, A. B.....	1888	2,350	7,400
Franklin & Evans.....	1935-1938	4,874	43,307
Franklin Lease.....	1934-1940	5,866	52,933
Franklin Mine.....	1883-1891	.....	26,813
French & Witcher.....	1874-1878	.....	45,493
Fulton-York Lease.....	1938-1939	224	12,859
Gold Canyon Cyanide Plant.....	1900-1903	.....	22,603
Gold Canyon Dredging Co.....	1920-1923	.....	307,259
Great Republic.....	1891-1892	152	19,719
Hamilton & Pollard.....	1913-1914	.....	18,734
Hardwick & Trimble.....	1929-1938	.....	40,101
Haywood Gold & Silver Mining Co.	1887-1891	4,774	314,452
Hill, W. H. & Co.....	1871	882	7,737

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Humphries, D. W.	1872–1875	1,206	\$18,900
Independence Mining Co.	1887–1891	4,774	314,452
Jackson Mill	1898–1903	.....	32,663
Jan, Lewis, Jr.	1871	9,038	93,905
Jaqua Brooks & Co.	1884–1887	.....	15,750
Kelsey Mill	1872–1875	.....	13,400
Keystone Mill	1871–1875	.....	80,648
King, Carrie	1935	.....	6,017
Likens & Rulison	1871–1874	1,432	12,366
Little Bonanza	1883–1884	.....	5,300
Lyon Mining & Milling Co.	1873–1878	147,795	605,586
Milwaukee Mine	1903–1909	2,003	40,572
Nevada Mining Red. & Power Co.	1907–1911	17,512	192,810
Nevada Reduction Works	1903–1907	.....	138,609
Oest Mining Company	1887–1892	6,588	564,364
Ora-Neva Dredge	1940	.....	127,577
Pacific Mill Company	1878	.....	70,000
Park & Douglas	1871–1873	.....	66,169
Phillips, J. W.	1905–1911	.....	58,757
Pollard & Trimble	1905–1907	.....	28,328
Quimby & Company	1871	5,400	21,600
Rodgers & Trotter	1871	5,211	54,740
Sacramento Mill	1872	.....	323,474
Schlomber Bros.	1884	886	16,411
Smith & Crowe	1936–1940	11,573	74,423
South Comstock Gold Mines Co.	1934–1940	66,372	588,174
Stevenson	1883	302	6,057
Silver City Reduction Works	1900–1902	.....	18,457
Three Brothers	1906	396	5,503
Trench Mill	1871–1878	.....	343,840
Trimble & Hamilton	1919	.....	13,806
Trimble, R. A.	1920–1922	.....	38,554
Union Mining & Milling Co.	1871–1878	29,500	333,716
Western Empire Mining Co.	1933–1934	1,922	32,502
Woodbury, J. P.	1905–1919	.....	48,803
Woodworth Mill	1871–1892	39,138	876,139
SPRING VALLEY—			
Spring Valley Mining Co.	1934	2,064	29,400
TALAPOOSA—			
Rhodes-Gilbert Lease	1940	783	9,586
YERINGTON (Ludwig, Mason)—			
Ambassador Gold Mines	1936–1937	18,668	99,857
Bluestone Mining & Smelting Co.	1917–1920	400,133	3,570,673
Douglas Mine	1883–1891	.....	271,804

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

Empire Mining, Milling and Smelting Company.....	Period	Tons	Gross yield
Gypsum Quarry.....	1933	.....	16,577
Ludwig Mining Company.....	1906-1907	3,035	184,029
McConnell Mining Company.....	1912-1913	14,702	106,785
Mason Valley Mines Co.....	1912-1929	1,701,794	7,735,881
Montana-Yerington Copper Co.....	1913-1917	834	10,744
Nevada Douglas.....	1907-1926	454,637	4,265,942
Regan Bros.....	1935-1940	30,991	122,277
Sonne & Elbert.....	1912	5,888	44,756
Standard Gypsum Co.....	1923-1929	.....	399,942

MINERAL COUNTY

Mineral County was formed from a part of Esmeralda County in February 1911.

Production figures were obtained from the following sources:

1859-1869—From U. S. Geological Survey Bulletin 594,

"Some Mining Districts in Northeastern California and Northwestern Nevada."

1870-1878—From reports of the State Mineralogist of Nevada, and State Controller.

1879-1883—From reports of the Director of the U. S. Mint, and State Controller.

1884-1910—From county records at Goldfield.

1911-1940—From county records at Hawthorne.

More than half of the fifty-five-million-dollar production from this county came from the Aurora district, largely in the years 1861-1869, inclusive. Over this period, the yearly average was more than three and one-third million dollars, and the years 1915-1918, inclusive, over a third of a million dollars.

The Candelaria district, with a total of about \$14,000,000, is the second in importance. Production began in 1870, and between 1875 and 1883 amounted to nearly \$10,000,000.

Recording more than a one-million-dollar output, were the Bell, Garfield, Hawthorne, Santa Fe, and Sodaville districts. Production from the Bell district came chiefly from the Simon mine during the years 1917-1919, and in the early twenties. From the Garfield district nearly one half was recorded during the eighties, the balance between 1922 and 1940. The Hawthorne district has made a very steady production over the long period from 1885 to 1939. Of over \$1,000,000 from the Santa Fe district, 90 percent was mined during the years 1916-1918, and during these same years over \$1,000,000 came from a total of more than one and one-third million dollars credited to the Sodaville district. The 1940 figure of almost \$200,000 from Sodaville came largely from quicksilver operations.

The salt and borax deposits in the Teels Marsh district yielded almost \$1,000,000 during the seventies and eighties. The Rawhide district with a yield of about \$1,000,000 came from gold mining between 1911 and 1916, and tungsten in 1940. The Silver Star records almost \$1,000,000 through the seventies, eighties, and nineties, and in the 1930's.

MINERAL PRODUCTION OF MINERAL COUNTY, 1865-1940
YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*			1904*		
1866*			1905*		
1867*			1906*		
1868*			1907*		
1869		\$29,366,968	1908	802	\$54,585
1870	26	5,472	1909	6,584	260,040
1871	864	134,609	1910	682	61,957
1872	2,942	149,649	1911	7,971	172,311
1873	3,131	255,255	1912	6,074	126,626
1874	3,273	320,657	1913	19,541	213,311
1875	13,918	1,183,153	1914	54,784	343,794
1876	25,918	1,576,990	1915	148,556	713,857
1877	32,933	1,401,162	1916	200,215	1,937,321
1878	7,766	312,745	1917	202,744	1,353,466
1879		919,150	1918	152,690	891,916
1880		1,205,594	1919	13,429	184,551
1881		1,315,337	1920	5,220	50,604
1882	36,509	1,372,228	1921	9,693	116,118
1883	27,601	1,205,457	1922	303	29,303
1884	20,260	430,501	1923	87,980	452,098
1885	20,650	854,784	1924	401	46,815
1886	18,361	714,340	1925	1,287	135,915
1887	16,105	603,962	1926	27,882	337,586
1888	15,040	628,107	1927	5,612	150,790
1889	14,544	396,771	1928	786	38,976
1890	8,990	357,576	1929	963	34,446
1891	20,496	614,042	1930	292	7,234
1892	310	34,921	1931	365	9,096
1893	522	41,755	1932	4,210	66,747
1894	91	8,918	1933	1,678	81,608
1895	1,122	48,092	1934	10,242	95,329
1896	1,508	95,123	1935	30,197	219,074
1897	1,839	41,188	1936	16,861	211,184
1898	181	27,140	1937	12,353	274,407
1899	1	19,404	1938	11,341	234,482
1900*			1939	15,859	255,424
1901	3,443	10,157	1940	26,896	584,987
1902	1,469	7,498			
1903		22,674		1,384,306	\$55,427,337

DISTRICT SUMMARY

	Tons	Gross yield
Aurora (Cambridge, Esmeralda)	669,962	\$31,409,013
Acme (Fitting)	20	1,668
Bell (Simon, Omco, Cedar Mountain)	83,351	1,011,838

*No recorded production.

DISTRICT SUMMARY—Continued

	Tons	Gross yield
Bovard (Rand, Copper Mountain).....	4,987	\$176,009
Broken Hills.....	11,281	179,995
Buena Vista (Basalt, Mt. Montgomery, Oneota).....	1,319	367,435
Candelaria (Columbus, Belleville).....	334,648	13,891,892
East Walker (Mount Grant).....	11,351	302,907
Garfield.....	27,515	1,375,685
Granite (Mountain View, Reservation).....	913	29,176
Hawthorne (Lucky Boy, Pamlico).....	31,050	1,086,301
Rawhide (Regent).....	70,556	956,554
Rhodes Marsh.....	631	200,172
Santa Fe (Kincaid, Luning).....	43,195	1,196,069
Silver Star (Gold Range, Mina, Black Mountain, Marietta).....	67,916	937,397
Sodaville (Pilot Mountain).....	16,695	1,375,483
Teels Marsh.....	8,916	929,743
	1,884,306	\$55,427,337

DISTRICT PRODUCTION BY YEARS

AURORA (Cambridge, Esmeralda)

Year	Gold, Silver	Tons	Gross yield
1859-69..		\$29,366,968	
1881.....		20,000	
1884.....	280	7,972	
1885.....	128	5,631	
1886.....	2,984	24,094	
1887.....	1,432	16,447	
1888.....	1,147	44,147	
1897.....		5,964	
1898.....		4,500	
1899.....		14,010	
1901.....	3,443	10,157	
1902.....	1,469	7,498	
1903.....		22,674	
1914.....	41,485	157,073	
1915.....	138,399	428,215	
1916.....	172,270	498,009	
1917.....	175,424	402,722	
1918.....	181,449	361,921	
1940.....	52	11,011	
		669,962	\$31,409,013

BELL

(Simon, Omco, Cedar Mountain)

Year	Silver, Lead, Zinc, Gold	Tons	Gross yield
1917.....	9,712	9,712	\$170,975
1918.....	14,984	14,984	212,922
1919.....	13,296	13,296	175,157
1920.....	5,207	5,207	45,532
1921.....	9,453	9,453	101,239
1926.....	24,040	24,040	180,484
1927.....	3,899	3,899	51,837
1928.....	426	426	12,567
1929.....	544	544	11,074
1930.....	265	265	5,189
1931.....	365	365	9,096
1933.....	1,000	1,000	6,964
1937.....	160	160	28,802
		83,351	\$1,011,838

BOVARD (Rand, Copper Mountain)

Gold, Silver, Copper, Lead

1913.....	478	\$14,240
1914.....	88	7,123
1915.....	117	25,870
1916.....	451	19,907
1917.....	1,521	45,478
1919.....	133	3,733

ACME (Fitting)

Gold, Silver, Lead, Copper

1912.....	20	\$1,668
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DISTRICT PRODUCTION BY YEARS—Continued

BOVARD—Continued

Year	Tons	Gross yield	Year	Tons	Gross yield
1921.....	42	\$9,465	1881.....	.....	\$1,237,869
1922.....	53	1,883	1882.....	36,509	1,372,228
1923.....	87	9,941	1883.....	27,601	1,205,457
1925.....	360	27,686	1884.....	2,363	26,616
1935.....	.....	2,394	1885.....	14,464	497,958
1939.....	1,657	8,289	1886.....	12,802	361,218
	4,987	\$176,009	1887.....	10,693	313,676
			1888.....	9,148	284,909
			1889.....	12,365	279,411

BUENA VISTA

(Basalt, Mt. Montgomery, Oneota)

Gold, Silver, Lead, Copper, Zinc,
Mercury

1870.....	17	\$4,710	1911.....	278	5,876
1875.....	896	132,683	1912.....	434	5,077
1876.....	342	49,615	1913.....	2,262	27,049
1877.....	64	9,359	1914.....	198	21,570
1879.....	.....	80,900	1915.....	.....	90,124
1880.....	.....	40,450	1916.....	.....	134,202
1881.....	.....	49,718	1917.....	567	14,556
	1,319	\$367,435	1918.....	.....	5,883
			1923.....	87,234	369,712

BROKEN HILLS

Lead, Silver, Zinc, Gold

1935.....	940	\$15,980	1873.....	226	\$4,794
1936.....	1,557	27,523	1881.....	.....	7,750
1937.....	2,703	41,237	1884.....	9,659	244,455
1938.....	1,559	25,002	1885.....	1,314	37,538
1939.....	2,503	38,416	1886.....	11	517
1940.....	2,019	31,837	1911.....	141	2,375
	11,281	\$179,995	1935.....	.....	5,478

CANDELARIA (Columbus, Belleville)

Gold, Silver, Lead, Copper

1870.....	9	\$762	1884.....	556	\$27,936
1871.....	864	134,609	1885.....	1,873	102,602
1872.....	2,927	146,852	1886.....	1,251	86,469

1873.....	2,905	250,461	1887.....	3,518	152,004
1874.....	3,271	282,621	1888.....	3,922	142,553
1875.....	12,237	910,905	1889.....	2,100	61,385
1876.....	24,716	1,424,175			
1877.....	30,880	1,326,919			
1878.....	7,502	301,362			
1879.....	.....	823,864			
1880.....	.....	1,153,426			

GARFIELD

Silver, Gold, Copper, Lead

DISTRICT PRODUCTION BY YEARS—Continued

GARFIELD—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1912.....	2,617	\$63,661
1922.....	250	\$27,420	1914.....	74	4,437
1923.....	659	72,445	1915.....	854	8,899
1924.....	401	46,815	1916.....	12	7,009
1925.....	927	108,229	1917.....	590	9,450
1926.....	3,680	84,119	1926.....	162	72,983
1927.....	977	85,447	1927.....	86	506
1928.....	360	26,409	1933.....	69	322
1929.....	419	23,372	1934.....	128	4,592
1930.....	27	1,601	1935.....	9,390	19,756
1933.....	450	2,080	1936.....	374	23,964
1934.....	1,097	9,879	1937.....	1,357	24,961
1936.....	729	24,581	1938.....	793	22,509
1937.....	924	102,802	1939.....	2,978	24,479
1938.....	1,371	68,640			
1939.....	574	54,467		31,050	\$1,086,301
1940.....	1,450	64,430			
	27,515	\$1,375,685			

GRANITE

(Mountain View, Reservation)

Copper, Gold, Silver, Lead

1916.....	913	\$14,738
1917.....		14,438
	913	\$29,176

HAWTHORNE (Lucky Boy, Pamlico)

Silver, Gold, Lead, Copper

1874.....	2	\$336
1885.....	310	16,789
1886.....	227	75,232
1887.....	394	35,717
1888.....	318	150,689
1889.....	79	29,647
1890.....	39	10,750
1892.....	195	3,755
1893.....	522	23,964
1894.....	91	8,918
1895.....	14	5,028
1896.....	1	136
1899.....	1	5,394
1908.....	784	47,891
1909.....	6,584	260,040
1910.....	682	61,957
1911.....	1,323	62,530

RAWHIDE (Regent)

Gold, Silver, Copper, Lead

1908.....	18	\$6,694
1911.....	5,962	93,266
1912.....	2,153	42,465
1913.....	10,268	127,047
1914.....	12,777	151,482
1915.....	6,267	89,606
1916.....	6,470	60,744
1920.....	13	5,072
1936.....	235	7,262
1937.....	141	4,639
1938.....	3,167	53,910
1939.....	6,064	84,187
1940.....	17,021	230,180
	70,556	\$956,554

RHODES MARSH

Borax, Salt

1884.....	131	\$28,307
1885.....	.....	33,745
1886.....	.....	19,645
1888.....	500	5,500
1932.....	.....	39,371
1933.....	.....	70,668
1934.....	.....	2,936
	631	\$200,172

DISTRICT PRODUCTION BY YEARS—Continued

SANTA FE (Kincaid, Luning)		Year	Tons	Gross yield	
Year	Tons	Gross yield	Year	Tons	Gross yield
Copper, Silver, Gold, Lead, Antimony		1919.....	.....	\$5,661	
1885.....	12	\$807	1927.....	650	13,000
1911.....	158	4,074	1932.....	4,210	27,376
1912.....	754	12,457	1934.....	8,400	72,390
1913.....	6,324	42,154	1935.....	19,194	165,925
1914.....	51	701	1936.....	12,537	113,211
1915.....	2,310	43,639	1937.....	6,644	61,970
1916.....	11,547	401,827	1938.....	4,041	63,206
1917.....	13,277	483,925	1939.....	349	17,199
1918.....	6,257	199,468			
1921.....	198	5,414			
1930.....		444			
1933.....	139	968	SODAVILLE (Pilot Mountain)		
1934.....	574	4,216	Mercury, Silver, Gold, Lead		
1935.....	514	6,840	1912.....	24	\$768
1936.....	349	7,069	1913.....	153	1,717
1937.....	212	8,804	1915.....	483	25,981
1938.....	111	1,168	1916.....	8,217	770,083
1939.....	98	4,775	1917.....	1,001	240,713
1940.....	310	17,319	1918.....		111,722
			1933.....	20	606
			1934.....	43	1,316
	43,195	\$1,196,069	1935.....	159	2,761
SILVER STAR			1936.....	1,080	7,574
(Gold Range, Mina, Black Mountain, Marietta)			1937.....	212	1,192
Silver, Lead, Copper, Gold, Tungsten			1938.....	299	47
1872.....	15	\$2,797	1939.....	927	15,301
1877.....	1,989	64,884	1940.....	4,077	195,702
1878.....	264	11,383			
1879.....		14,386			
1880.....		11,718	TEELS MARSH		
1885.....	2,549	36,709	Borax, Salt		
1886.....	1,086	19,022	1874.....		\$37,700
1887.....	68	2,210	1875.....	785	139,565
1888.....	5	309	1876.....	860	103,200
1895.....	1,108	43,064	1884.....	7,271	95,215
1896.....	1,507	94,987	1885.....		123,005
1897.....	1,839	35,224	1886.....		128,143
1911.....	109	4,190	1887.....		83,848
1912.....	72	530	1889.....		26,328
1913.....	56	1,104	1890.....		87,380
1914.....	111	1,408	1891.....		65,602
1915.....	126	1,523	1892.....		21,966
1916.....	335	30,802	1893.....		17,791
1917.....	652	21,209			
				8,916	\$929,743

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	Period	Tons	Gross yield
AURORA (Cambridge, Esmeralda)—			
Antelope Mine.....	1887	1,107	\$11,679
Aurora Mines Co. (Subsidiaries) ..	to 1869	.....	29,366,968
Aurora Consolidated Mining Co....	1914—1918	659,027	1,847,940
Consolidated Esmeralda.....	1886—1888	3,504	48,227
Delmonte Plant.....	1899—1903	.....	66,119
Diamond Mine.....	1897—1898	.....	10,464
Durand Mine.....	1888	228	17,557
Green.....	1899—1900	.....	13,045
Silver Lining Mine.....	1884	280	7,972
BELL (Simon, Omco, Cedar Mountain)—			
Olympic Mines Company.....	1918—1931	54,473	742,572
Omco Mine.....	1937—1939	336	42,932
Simon Silver Lead Mines.....	1926—1927	27,542	219,370
Simpson Mine.....	1933	1,000	6,964
BOVARD (Rand, Copper Mountain)—			
Copper Mountain Mine.....	1917	1,521	45,478
Gold Pen Mine.....	1915—1916	40	23,963
Koegle, Huber & Pike.....	1914—1915	135	9,863
Lost Hope Mine.....	1913	478	14,240
Lappat & Miller.....	1916	251	10,364
Nevada Rand.....	1919—1925	633	53,783
BUENA VISTA (Basalt, Mt. Mont- gomery, Oneota)—			
Indian Queen Mine.....	1870—1877	1,319	362,378
BROKEN HILLS—			
Baxter, V. S.....	1935—1940	11,009	189,590
CANDELARIA (Columbus, Belleville)—			
Argentum Mining Co.....	1914—1918	.....	82,011
Baldwin Cyanide Plant.....	1915—1916	.....	8,398
Beedle, F. C.....	1918—1914	.....	9,235
Belleville Tailings Association.....	1915—1918	.....	162,824
Black Warrior Mine.....	1878	598	41,530
Brown Hope Mine.....	1872—1876	1,038	41,299
Candelaria Mines Co.....	1923	87,234	369,712
Columbus Borax Co.....	1888—1891	.....	68,120
Columbus Mining & Milling Co....	1872—1875	850	2,236,116
Conn & Trudo.....	1886—1887	.....	11,464
C. W. W. & M. Co.....	1891	.....	88,482
General Thomas Mine.....	1876	2,391	102,576
Georgene Mining Co.....	1886—1889	6,048	97,926
Holmes.....	1874—1886	27,186	944,659
Lucky Hill Lease.....	1917	567	9,597
Molina & Martin.....	1872—1873	118	15,812

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Mt. Diablo Mine.....	1871–1891	61,787	\$2,238,184
Northern Belle Mine.....	1871–1878	122,251	6,728,909
Pacific Coast Borax Co.....	1875–1889	.....	56,464
Pacific Company	1875	165	16,500
Roach, Jno.....	1885–1889	.....	33,334
Simon & Bradshaw.....	1912–1913	1,591	19,119
Stump & Adams.....	1871–1872	541	23,186
Sue Queen Mine.....	1887–1889	.....	6,935
Sweet Apple Mine.....	1871–1875	.....	73,508
Threlfall & Company.....	1913	888	10,092
Tipton.....	1871	43	5,712
Turner & Mathews.....	1874–1886	.....	15,416
Vanderbilt Mine.....	1877–1878	949	57,720
Wetherell.....	1872–1874	608	100,097
EAST WALKER (Mt. Grant, Corey)—			
Mt. Corey Mines.....	1884–1885	7,596	195,813
Nevada M & C Company.....	1884	3,343	83,072
GARFIELD—			
D. V. O. Products.....	1926	2,815	13,003
Farrington.....	1886	607	26,663
Garfield, Limited.....	1887	1,955	81,537
Garfield Mining Co.....	1887–1933	7,767	270,075
Great Western Mine.....	1884–1887	4,390	206,075
Hindley.....	1886–1887	118	22,380
Tonopah 76 Consolidated.....	1929	118	10,039
West End Cons. Mining Co.....	1922–1940	9,632	745,471
GRANITE (Mountain View, Reservation)—			
Yerington Mountain Copper Co....	1916–1917	776	28,902
HAWTHORNE (Lucky Boy, Pamlico)—			
Ashby Gold Mining Co.....	1934–1937	.....	37,828
Baltimore Mine	1888	159	9,917
Borealis Mine.....	1938–1939	1,993	28,647
Central Mine.....	1889–1894	580	19,444
Evening Star Mine.....	1888	53	5,963
Exploration Company.....	1917	590	9,450
Golden Mile Mine.....	1935	.....	8,940
Hawthorne Mines Co.....	1895–1926	14,833	77,361
La Panta Mines.....	1885–1887	1,468	112,743
Lucky Boy Lease.....	1912	2,617	63,661
Lucky Boy Consolidated.....	1915–1916	432	13,252
Mountain King Mine.....	1909–1910	.....	321,996
Pamlico Mine	1886–1889	324	167,542
Silver Surprise Mine.....	1939	1,778	18,341
Smith, Gerald.....	1937	27	5,193

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Strachan & Roach.....	1888	.....	\$6,078
War Eagle Mine.....	1894	.....	105,222
RAWHIDE (Regent)—			
Backlin & Flynn.....	1913	267	9,871
Copper Mountain Group.....	1916–1917	200	7,630
Mint Mine.....	1936–1940	762	36,570
Nevada New Mines.....	1913	29,050	344,631
Nevada Sheelite Mining Co.....	1937–1940	22,424	328,111
Proskey—Regent.....	1912–1913	606	9,782
Rawhide Mascot.....	1908	18	6,694
Rawhide Phoenix.....	1912	914	14,682
Rawhide Queen.....	1912	610	15,971
Rosenberg & Williams.....	1914–1916	17	8,941
RHODES MARSH—			
Nevada Salt & Borax Co.....	1884–1888	.....	87,197
Rhodes Alkali & Chemical Corp... 1932–1934		631	112,975
SANTA FE (Kincaid, Luning)—			
Anderson Mine.....	1913	2,967	18,492
Confidence Mine.....	1890	29	10,308
Kirchen Mines Corp.....	1917	1,306	34,246
Luning Consolidated.....	1921	198	5,414
Mason Valley Mines.....	1913	3,133	19,836
Nevada Champion Copper Co.....	1915–1917	4,483	76,953
Nevada Pacific Copper Co.....	1916–1917	1,094	25,427
Neverswear Mine.....	1915–1916	347	12,955
Shipper Copper Co.....	1912	378	5,026
Silver Guardian Mine.....	1916–1917	555	17,301
Wagner Azurite Copper Co.....	1915	140	5,008
Wall Street Copper Co.....	1916–1918	23,146	856,171
Walsh & Rackcliff.....	1915	1,225	18,925
Watson & Backman.....	1915–1916	197	6,309
SILVER STAR (Gold Range, Mina, Black Mountain, Marietta)—			
American Development Co.....	1932	4,210	27,376
Bounce Mine.....	1897	399	5,954
Bugg & Drew.....	1919	.....	5,661
Chafey & Marietta.....	1916	.....	15,917
Douglas Mining & Milling Co.....	1897	813	13,903
Endowment Mine.....	1877–1885	2,301	77,895
General Mines Co.....	1917	250	8,653
Gold Range Mines.....	1927–1935	1,472	17,816
Hardscrable Mine	1895–1897	1,537	57,525
Iroquois Mine	1915–1917	492	15,999
Mina Gold.....	1934	1,097	9,879
Montreal Mine	1885–1886	3,547	51,879

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Nevada-Massachusetts Co.	1934–1938	43,090	\$368,607
Nevada Mercury Co.	1916	90	5,348
Nevada Quicksilver Co.	1917	343	25,760
New Party Mine	1896	232	6,254
Oneida Mine	1895–1896	285	17,447
Thompson	1938	618	42,767
Warrior Mine	1935	5,938	38,089
SODAVILLE (Pilot Mountain)—			
Anderson	1940	1,562	106,681
Atkins, Kroll & Co.	1915–1916	483	39,664
Belleville Tailings	1917–1938	.....	275,746
Goodale	1915	483	25,981
Mina Development Co.	1940	2,315	85,229
Silver Dyke Mines	1916–1917	8,793	833,512
TEELS MARSH—			
Smith Brothers	1875–1876	.....	205,050
Teels Marsh Company	1877–1891	.....	649,861

NYE COUNTY

Production figures were obtained from the following sources:

1865–1940—From county records at Tonopah.

Nye County, with its production of \$187,000,000, ranks third among the counties of the State. Production up to 1901 came principally from the Belmont, Morey, Johnnie, Jefferson Canyon, Lodi, Reveille, Tybo, and Union districts, and amounted to around \$10,500,000.

Tonopah, upon its discovery by James L. Butler in 1900, became the principal producing district in the county. The records show a production for every year since its discovery to date, with a total for the period of more than \$146,000,000, 78 percent of the county's record, or a yearly average of nearly \$3,500,000. Most of this was recorded from 1905 to 1925, being about \$130,000,000, or a yearly average of a little over \$6,000,000. The peak production, however, came in the years 1910–1914, inclusive, with a yearly average of more than \$8,500,000.

The western part of the Tonopah district extends into Esmeralda County; therefore, bullion tax on an additional yield of \$2,634,299 from this district was paid to Esmeralda County and credited to the Tonopah district in that county. To arrive at the gross yield for the Tonopah district the above sum should be added to the total of \$146,836,102 which was reported to Nye County, making a gross yield of the district of \$148,970,401.

The Tybo district has been the second largest producer with \$9,500,000, more than two and one-third million dollars of which came in the late seventies, and more than \$6,500,000 from 1929 to 1937, inclusive.

The Manhattan district, discovered in 1905, has produced more than \$8,500,000. Of this amount, six and one-third million dollars came between 1932 and 1940. Most of the 1939–1940 production came from dredging operations.

About \$8,000,000 is credited to the Round Mountain district, principally from placer operations. More than one half of this production was made from 1908–1919, inclusive. Another two million dollars came in the 1930–1936 period.

The Belmont district ranks as the next important producer, with almost \$4,000,000, most of which was recorded between 1866 and 1874. The Union district follows closely with \$3,500,000,

with one third of the total coming between the year 1878–1881. The Bullfrog district produced over \$3,000,000, over half of which came in the first four years after the completion of the railroad to Beatty in 1907. The principal mine in the district was the Montgomery-Shoshone.

The Bruner district, situated in the northwestern part of the county, is credited with more than \$1,500,000, with its first production recorded in 1924. The Ash Meadows district has a record of more than \$1,000,000, mainly in 1928–1929. Next in order of production are, Lodi with less than a million, and Reveille, Jefferson Canyon, Morey, and Northumberland with approximately \$500,000 each.

MINERAL PRODUCTION OF NYE COUNTY, 1865–1940 YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1865*	.....	.....	1894*	.....	.....
1866	2,128	\$167,917	1895*	.....	.....
1867	8,357	835,431	1896	3,961	\$57,455
1868	7,401	793,220	1897	6,519	81,512
1869	807	104,424	1898	.....	61,970
1870	1,929	202,893	1899	3,208	38,327
1871	3,073	409,415	1900	3,099	35,412
1872	2,767	383,107	1901	17,857	441,085
1873	11,774	734,849	1902	20,742	1,650,179
1874	8,365	361,578	1903	195,051	1,014,343
1875	9,365	832,954	1904	17,215	972,574
1876	16,867	635,772	1905	67,955	2,806,622
1877	25,900	841,375	1906	78,609	3,481,923
1878	25,913	913,127	1907	192,232	5,119,191
1879	28,634	818,771	1908	346,919	6,256,554
1880	23,813	525,068	1909	366,970	6,371,806
1881	12,150	362,555	1910	503,549	9,006,787
1882	6,856	203,685	1911	512,045	9,483,623
1883	7,742	179,850	1912	541,456	9,366,962
1884	2,260	67,977	1913	609,577	9,455,793
1885	248	24,378	1914	635,303	9,563,450
1886	7,444	225,090	1915	630,940	7,997,227
1887	8,138	270,999	1916	510,356	7,915,063
1888	3,719	103,450	1917	396,849	6,336,024
1889	4,036	117,394	1918	672,100	9,983,248
1890	928	154,878	1919	350,367	5,664,475
1891	438	52,053	1920	397,262	6,340,319
1892*	.....	.....	1921	348,540	6,017,649
1893	.....	15,000	1922	396,706	6,363,956

*No recorded production.

YEARLY SUMMARY—Continued

Year	Tons	Gross yield	Year	Tons	Gross yield
1923.....	351,906	\$5,631,008	1933.....	104,453	\$1,023,199
1924.....	285,857	4,738,455	1934.....	126,010	2,292,397
1925.....	197,392	3,058,010	1935.....	145,486	3,358,557
1926.....	111,925	1,784,425	1936.....	124,639	2,776,611
1927.....	66,787	1,484,299	1937.....	131,710	2,530,979
1928.....	135,405	2,515,146	1938.....	67,853	1,620,715
1929.....	191,392	2,873,380	1939.....	98,209	2,704,866
1930.....	127,064	1,659,939	1940.....	149,674	2,440,364
1931.....	133,965	1,594,892			
1932.....	99,069	1,024,515		10,705,235	\$187,332,496

DISTRICT SUMMARY

	Tons	Gross yield
Arrowhead.....	225	\$4,755
Ash Meadows.....	66,386	1,147,142
Athens.....	2,411	53,319
Bellehellen.....	438	29,473
Belmont (Philadelphia, Silver Bend, Spanish Belt, Barcelona).....	58,846	3,790,518
Bruner (Phonolite).....	99,469	1,548,832
Bullfrog (Beatty, Pioneer, Rhyolite).....	264,127	3,044,019
Cuprite.....	34	481
Currant.....	590	4,278
Danville.....	31	4,747
Ellendale.....	6,613	77,612
Empire.....	6	1,057
Gold Crater.....	40	1,208
Hannapah (Volcano, Silverzone).....	1	146
Jefferson Canyon.....	10,080	506,545
Johnnie.....	64,582	382,681
Lodi (Mammoth, Marble, Ellsworth).....	50,789	809,905
Manhattan.....	377,349	6,999,507
Morey.....	5,643	462,972
Northumberland.....	73,028	459,066
Reveille.....	8,261	610,982
Round Mountain.....	728,211	7,834,828
San Antone (San Antonio, Royston).....	1,141	142,976
Tolicha (Monte Cristo).....	122	1,807
Tonopah.....	8,093,422	146,336,102
Troy (Irwin Canyon)	471	6,239
Twin River.....	1,258	54,548
Tybo (Hot Creek).....	582,377	9,570,848
Union (Berlin, Grantsville).....	207,674	3,304,328
Washington.....	7	476
Willow Creek.....	31	2,557
Unknown.....	1,572	138,542
	10,705,235	\$187,332,496

DISTRICT PRODUCTION BY YEARS

ARROWHEAD		Year	Tons	Gross yield
Silver, Gold		1881.....	16	\$1,785
Year	Tons			
1920.....	30	1882.....	300	4,860
1939.....	195	1883.....	3,355	66,002
		1884.....	1,206	42,248
	225	1885.....	52	6,803
		1886.....	5,957	161,615
ASH MEADOWS		1887.....	4,674	153,559
Fuller's Earth, Potash		1888.....	1,845	26,692
1918.....	456	1889.....	3,569	40,995
1919.....	1,729	1890.....	60	5,275
1920.....	1,303	1891.....	12	2,423
1928.....	28,406	1920.....	81	9,495
1929.....	34,492	1921.....	1,350	9,873
		1922.....	1,580	14,128
	66,386	1923.....		19,857
ATHENS		1939.....	200	3,207
Gold, Silver		1940.....	247	8,802
1935.....	300			
1938.....	800		58,846	\$3,790,518
1939.....	626			
1940.....	685			
		BRUNER (Phonolite)		
		Gold, Silver		
	2,411	1924.....	1	\$242
BELLEHELLEN		1926.....	2,755	74,765
Silver, Gold		1927.....	3,957	140,800
1918.....	438	1929.....	20,039	326,848
BELMONT		1930.....	1,200	19,500
(Philadelphia, Silver Bend, Spanish Belt, Barcelona)		1935.....	724	20,343
Silver, Gold, Lead, Copper Mercury		1936.....	771	175,823
1866.....	1,648	1937.....	16,302	191,392
1867.....	7,354	1938.....	16,108	212,475
1868.....	6,260	1939.....	18,038	231,279
1869.....	712	1940.....	19,574	155,365
			99,469	\$1,548,832
1870.....	1,159			
1871.....	2,239	BULLFROG		
1872.....	1,224	(Beatty, Pioneer, Rhyolite)		
1873.....	6,781	Gold, Silver, Copper, Lead		
1874.....	3,303	1907.....	8,665	\$264,964
1875.....	994	1908.....	40,702	608,031
1876.....	309	1909.....	41,894	442,894
1877.....	14	1910.....	67,333	371,903
1878.....	821	1911.....	12,444	46,051
1879.....	1,958	1915.....	7,793	29,505
1880.....	66	1916.....	3,095	11,287
		1920.....	371	5,693

DISTRICT PRODUCTION BY YEARS—Continued

BULLFROG—Continued

DISTRICT PRODUCTION BY YEARS—Continued

JOHNNIE—Continued		Year	Tons	Gross yield
Year	Tons			
1913.....	6,297	\$22,792	1908.....	6,849
1918.....	140	5,573	1909.....	468
1934.....	655	10,235	1910.....	827
1935.....	535	4,144	1911.....	17,745
1940.....	323	1,895	1912.....	8,944
			1913.....	838
			1914.....	2,872
	64,582	\$382,681	1915.....	39,378
			1916.....	4,927
			1917.....	692
LODI		1918.....	31,466	17,785
(Mammoth, Marble, Ellsworth)		1919.....	54,458	249,635
Silver, Gold, Lead, Copper		1920.....	17,604	253,202
1866.....	6	\$370	1921.....	135,814
1867.....	73	891	1922.....	18,683
1868.....	10	3,062	1923.....	18,683
1869.....	14	1,990	1924.....	1,990
1871.....	281	7,847	1925.....	3,273
1872.....	47	3,273	1926.....	22,605
1873.....	547	29,004	1927.....	5,767
1874.....	240	13,715	1928.....	5,767
1875.....	22	2,434	1929.....	3,163
1876.....	76	18,262	1930.....	5,177
1877.....	724	66,884	1931.....	52,659
1878.....	2,955	190,418	1932.....	161,692
1879.....	125	3,115	1933.....	274,820
1882.....	2,339	59,398	1934.....	130,136
1883.....	422	21,177	1935.....	102,808
1885.....	9	804	1936.....	60,909
1886.....	20	2,073	1937.....	630,979
1887.....	52	4,529	1938.....	550,871
1888.....	64	9,955	1939.....	352,027
1889.....	275	35,067	1940.....	322,547
1890.....	302	33,895		953,696
1891.....	37	3,682		1,089,738
			377,349	\$6,999,507
MOREY				
			Silver, Gold, Lead	
1937.....	2,047	14,335	1867.....	102
1938.....	8,444	59,115	1868.....	61
1939.....	14,936	102,554	1869.....	10
1940.....	16,722	122,056	1870.....	48
			1871.....	88
	50,789	\$809,905	1872.....	22
			1873.....	29
MANHATTAN		1874.....	100	5,634
			1875.....	113
Gold, Silver		1876.....	50	1,660
1868.....	1	\$116		12,151
1907.....		1,099		6,681

DISTRICT PRODUCTION BY YEARS—Continued					
MOREY—Continued		Year	Tons	Gross yield	
Period	Tons	Gross yield	1870.....	642	\$25,202
1880.....	728	\$40,579	1871.....	5	1,626
1882.....	387	44,641	1873.....	7	1,107
1883.....	297	32,997	1874.....	4	1,272
1886.....	91	10,997	1875.....	1,409	286,258
1887.....	68	9,738	1876.....	1,119	52,261
1888.....	130	22,011	1877.....	1,384	54,777
1889.....	104	31,313	1878.....	504	27,037
1890.....	418	94,005	1879.....	747	28,132
1891.....	317	34,216	1881.....	36	3,250
1937.....	411	14,759	1882.....	121	13,777
1939.....	776	16,415	1883.....	20	3,118
1940.....	1,293	16,136	1885.....	57	10,141
			1886.....	87	10,581
	5,643	\$462,972	1887.....	1,657	30,921
NORTHUMBERLAND					
	Silver		1888.....	27	4,964
1866.....	12	\$2,043	1889.....	26	4,923
1867.....	2	207	1890.....	16	2,470
1868.....	2	215	1891.....	8	2,296
1870.....	7	781	1920.....	271	16,757
1871.....	16	1,491			
1872.....	17	2,137		8,261	\$610,982
1873.....	4	646			
1874.....	1	277			
1875.....	7	572			
1876.....	1	112			
1879.....	275	7,077			
1882.....	12	1,572			
1883.....	108	9,834			
1885.....	36	2,636			
1886.....	19	1,823			
1888.....	12	1,105			
1890.....	24	2,181			
1891.....	9	1,069			
1939.....	4,029	19,275			
1940.....	68,435	404,013			
	73,028	\$459,066			
ROUND MOUNTAIN					
		Gold, Silver, Lead			
1874.....	1	277	1907.....	6,448	\$89,032
1875.....	7	572	1908.....	26,469	291,947
1876.....	1	112	1909.....	33,844	422,601
1879.....	275	7,077	1910.....	42,469	388,912
1882.....	12	1,572	1911.....	58,691	413,650
1883.....	108	9,834	1912.....	57,434	283,597
1885.....	36	2,636	1913.....	55,495	340,982
1886.....	19	1,823	1914.....	65,744	428,098
1888.....	12	1,105	1915.....	49,899	325,581
1890.....	24	2,181	1916.....	29,085	266,587
1891.....	9	1,069	1917.....	16,908	329,722
1939.....	4,029	19,275	1918.....	6,719	294,629
1940.....	68,435	404,013	1919.....	13,320	493,942
	73,028	\$459,066	1920.....	9,567	165,439
			1921.....	940	88,451
REVEILLE					
	Silver, Lead, Copper, Gold		1922.....	5,532	16,182
1866.....	1	\$956	1923.....	2,493	113,838
1867.....	80	21,392	1924.....	2,990	97,907
1868.....	26	6,647	1925.....	2,009	67,711
1869.....	7	1,117	1926.....	1,345	41,310
			1927.....	550	67,671

DISTRICT PRODUCTION BY YEARS—Continued

ROUND MOUNTAIN—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1906.....	78,609	\$3,481,923
1928.....	143	\$103,447	1907.....	175,548	4,747,941
1929.....	108	74,891	1908.....	272,584	5,151,496
1930.....	14,575	218,602	1909.....	273,189	5,371,826
1931.....	35,652	375,718	1910.....	371,434	8,108,745
1932.....	59,570	415,805	1911.....	405,334	8,427,154
1933.....	70,549	379,777	1912.....	475,078	8,927,518
1934.....	55,333	259,351	1913.....	523,677	8,880,027
1935.....	926	331,357	1914.....	558,314	9,042,471
1936.....	600	217,429	1915.....	512,586	7,324,757
1937.....	49	28,243	1916.....	469,969	7,564,032
1938.....	1,040	70,333	1917.....	377,383	5,956,039
1939.....	1,670	320,936	1918.....	622,364	9,311,560
1940.....	45	11,150	1919.....	272,124	4,832,009
			1920.....	364,445	6,080,664
	728,211	\$7,834,828	1921.....	346,190	5,898,055
SAN ANTOINE			1922.....	389,594	6,333,646
(San Antonio, Royston)			1923.....	339,238	5,361,499
Silver, Gold, Copper, Lead			1924.....	282,689	4,621,623
1867.....	285	\$39,047	1925.....	191,345	2,809,672
1868.....	424	50,728	1926.....	107,825	1,668,350
1871.....	61	8,371	1927.....	56,580	1,114,136
1872.....	95	12,965	1928.....	98,402	1,700,074
1874.....	6	2,106	1929.....	69,026	1,063,851
1887.....	30	2,101	1930.....	10,255	162,841
1888.....	22	983	1931.....	7,988	235,578
1921.....	60	21,270	1932.....	8,653	201,661
1937.....	38	1,612	1933.....	6,849	303,523
1938.....	56	1,692	1934.....	14,295	548,805
1939.....	64	2,101	1935.....	17,499	828,469
			1936.....	18,709	747,783
	1,141	\$142,976	1937.....	44,815	959,691
TOLICHA (Monte Cristo)			1938.....	22,798	894,984
Gold, Silver			1939.....	35,068	914,173
1933.....	122	\$1,807	1940.....	10,925	385,440
TONOPAH					
Silver, Gold, Lead, Copper					*\$8,093,422 *\$146,336,102
1901.....	1,058	\$254,231	TROY (Irwin Canyon)		
1902.....	7,676	1,543,204	Silver, Gold		
1903.....	174,793	883,088	1873.....	470	\$6,154
1904.....	13,383	924,918	1875.....	1	85
1905.....	65,131	2,768,645		471	\$6,239

*The extreme western end of the district lies in Esmeralda County, therefore bullion tax has been paid to that county on 263,987 tons mined with a gross yield of \$2,634,300. This would bring the production of the entire district up to 8,357,409 tons and a gross yield of \$148,970,402.

DISTRICT PRODUCTION BY YEARS—*Continued*

TWIN RIVER		Year	Tons	Gross yield	
Year	Tons		1939.....	5,671	\$60,843
1875.....	14	\$3,283	1940.....	7,726	90,734
1881.....	38	8,333			
1886.....	1,140	31,600		582,377	\$9,570,848
1890.....	66	11,332			
			UNION (Berlin, Grantsville)		
			Gold, Silver, Lead, Copper		
	1,258	\$54,548	1866.....	453	\$10,506
TYBO (Hot Creek)			1867.....	294	33,552
Silver, Lead, Gold, Copper			1868.....	527	62,575
1867.....	158	\$19,648	1869.....	30	4,034
1868.....	89	11,537	1870.....	19	1,257
1869.....	2	239	1871.....	168	15,848
1870.....	33	3,576	1872.....	1,304	124,950
1871.....	10	751	1873.....	3,864	212,197
1872.....	4	223	1874.....	1,947	84,046
1874.....	1,763	56,013	1875.....	81	10,761
1875.....	4,947	179,854	1876.....	103	3,957
1876.....	12,384	430,370	1877.....	1,173	69,050
1877.....	22,551	644,320	1878.....	3,697	150,459
1878.....	17,936	513,329	1879.....	13,150	327,878
1879.....	12,202	302,981	1880.....	15,280	299,039
1880.....	7,727	177,760	1881.....	9,659	265,510
1881.....	2,000	38,000	1882.....	2	505
1882.....	3,776	89,901	1884.....	266	8,635
1883.....	2,700	50,525	1887.....	647	37,784
1884.....	783	16,082	1888.....	85	7,024
1885.....	52	3,364	1889.....	47	2,962
1886.....	8	1,480	1890.....	23	1,701
1887.....	990	31,155	1896.....	1,042	9,139
1888.....	2,007	26,726	1897.....	4,238	45,176
1889.....	11	1,441	1899.....	3,208	38,327
1890.....	1	97	1900.....	3,099	35,412
1891.....	5	1,202	1901.....	16,799	186,854
1917.....	492	22,942	1902.....	13,066	106,975
1918.....	277	10,665	1903.....	20,258	131,255
1920.....	415	3,685	1904.....	3,832	47,656
1929.....	54,148	615,876	1905.....	2,824	38,577
1930.....	74,271	833,074	1907.....	1,571	16,155
1931.....	71,676	716,419	1908.....	74	17,177
1934.....	43,266	1,069,962	1909.....	4,652	29,265
1935.....	106,086	1,535,556	1913.....	18,309	164,270
1936.....	73,317	1,071,739	1914.....	8,373	58,220
1937.....	51,814	916,560	1915.....	21,284	227,431
1938.....	1,079	22,219	1916.....	3,280	22,551
			1917.....	1,340	9,055

DISTRICT PRODUCTION BY YEARS—Continued					
UNION—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1869.....	11	\$1,497
1918.....	10,240	\$78,065	1870.....	21	1,644
1919.....	8,736	67,473	1871.....	203	9,787
1920.....	3,175	14,945	1872.....	7	1,304
1925.....	3,661	174,537	1874.....	2	624
1937.....	250	26,451	1875.....	21	5,283
1938.....	150	750	1876.....	36	7,582
1940.....	1,394	24,382	1877.....	53	3,220
			1879.....	177	6,500
	207,674	\$3,304,328	1885.....	42	630
WASHINGTON			1886.....	120	1,250
Silver, Lead			1887.....	8	422
1867.....	7	\$476	1888.....	15	1,309
			1891.....	49	6,480
WILLOW CREEK			1893.....	.....	15,000
Gold, Silver			1896.....	.....	3,350
1913.....	31	\$2,557	1897.....	803	10,407
UNKNOWN			1898.....	.....	61,970
1866.....	3	\$226			
1867.....	1	57		1,572	\$138,542

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	Period	Tons	Gross yield
Ash Meadows—			
American Petroleum Co.....	1928	24,542	\$399,472
Commercial Minerals Co.....	1927–1929	18,145	307,091
Pan American Petroleum Co.....	1927–1929	22,703	421,918
Athens—			
Warrior Mine.....	1935–1939	1,326	29,362
Bellehellen—			
Cornforth & Sweet.....	1918	438	29,473
Belmont (Philadelphia, Silver			
Bend, Spanish Belt, Barcelona)—			
Arizona Mine.....	1868–1871	2,296	287,372
Barcelona Mine.....	1875–1889	4,843	165,456
Belmont Mine.....	1867–1887	7,831	348,245
Cameron, D. C.....	1923	.....	19,857
Canfield Mine.....	1872–1874	3,740	206,407
Caspian Mine.....	1872	74	33,716
Combination Mine.....	1873	421	38,012
Cons. Spanish Belt Silver			
Mining Co.....	1920–1922	3,011	33,496
Cornish Mine.....	1887–1888	37	5,441
Eldorado South.....	1868–1871	2,720	363,361
Hibridge Mine.....	1866–1887	13,365	795,891
Monitor Mine.....	1871–1875	7,259	654,427

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Severance, J. E.....	1889	1,647	\$7,544
Silver Bend Mine.....	1870	140	19,694
Silver Champ Mine.....	1866-1871	17	5,305
Transylvania Mine.....	1866-1875	9,366	733,852
BRUNER (Phonolite)—			
Berryman & Company.....	1935	724	20,343
Florida Mine.....	1929	20,055	325,894
Fuller & Company.....	1930	1,200	19,500
Golden Eagle Mine.....	1936	308	12,272
Hinckley, L.....	1936	167	5,078
Penelas Mining Company.....	1936-1940	69,001	898,629
San Rafael Development Co.....	1926-1927	6,712	215,565
BULLFROG (Beatty, Pioneer, Rhyolite)—			
Bullfrog Consolidated.....	1909	3,481	69,849
Bullfrog Pioneer	1909-1910	2,122	44,491
Coen Companies.....	1929-1939	74,178	1,143,682
Continental Fluorspar Co.....	1920	371	5,693
Cowell, I. F.....	1934-1940	3,039	38,856
Homestake King Mine.....	1908-1909	9,803	54,261
Montgomery-Shoshone.....	1907-1911	141,376	1,388,398
Polaris Mine.....	1934-1937	1,283	34,603
Roe.....	1940	487	12,543
Shoshone-Polaris.....	1907-1910	9,522	101,081
Sunset Mining Company.....	1915-1916	10,883	40,792
Tramp Consolidated.....	1907-1910	541	22,407
ELLENDALE—			
Clifford & Nay.....	1908-1913	5,176	62,925
Gilbert.....	1938-1939	357	7,125
Glidden Company.....	1939	1,080	7,562
JEFFERSON CANYON—			
Harrison Mine	1883-1890	561	16,039
Jefferson Mine	1872-1891	35	14,639
Prussian South Mine.....	1873-1883	7,869	401,120
Sailor Boy Mine.....	1872-1873	47	9,812
Silver Point Mine.....	1883	187	8,510
JOHNNIE—			
Johnnie Mine	1896-1913	63,168	365,507
LODI (Mammoth, Marble, Ellsworth)—			
Basic Ores.....	1937-1940	42,129	293,060
Downey & Company.....	1875-1887	2,357	80,622
East Buena Mine.....	1872-1874	284	16,727
Illinois Mine.....	1876-1890	2,678	253,863
Last Chance Mine.....	1876-1877	166	5,461
Nicholl & Company.....	1883	538	11,100

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
U. S. Brucite Corporation.....	1940	.....	\$5,000
Welch, A.	1875–1891	412	53,084
MANHATTAN—			
Cole-Kirchen.....	1937	.....	65,617
Dexter Consolidated	1911	1,755	39,398
Dexter White Caps.....	1911–1913	2,755	128,960
Fancher.....	1939	1,014	31,908
Goldfields of America.....	1936	.....	8,066
Gold Metals Consolidated.....	1935–1936	5,851	87,450
Liberty & Justice.....	1911	356	11,118
Litigation Hill Merger.....	1908–1914	2,235	49,756
Little Gray Mine.....	1911	479	9,992
Manhattan Big Four Lease.....	1910–1912	6,957	286,923
Manhattan Consolidated.....	1936–1940	3,236	249,530
Manhattan Dexter.....	1908–1920	11,642	304,052
Manhattan Gold Dredge.....	1938–1940	.....	1,565,722
Manhattan Mining & Leasing Co....	1911	964	16,816
Manhattan Stray Dog.....	1908	1,772	21,905
Manhattan Union Extension.....	1909–1925	281	32,363
Nevada Coalition.....	1929–1938	4,312	46,764
O'Dell.....	1940	656	9,353
Reliance Mining Company.....	1935–1940	57,225	1,053,112
Union American.....	1917	402	6,739
White Caps Consolidated.....	1913	838	28,836
White Caps Leasing Co.....	1912	6,375	59,323
White Caps Mining Co.....	1918–1940	144,043	2,635,008
Wittenberg & Company.....	1915–1920	7,244	180,092
MOREY—			
Air Shaft Lode.....	1886–1891	801	143,746
Magnolia Mine.....	1873–1891	639	48,626
Morey Dist. Mining Co.....	1880–1891	1,117	126,886
Morey Mining Company.....	1871–1875	131	16,834
Ogden, D. S.....	1872–1875	167	21,955
Vassar.....	1937–1939	776	14,759
NORTHUMBERLAND—			
Blue Bell Mine.....	1872–1883	409	20,491
Northumberland Mining Co.....	1939–1940	72,464	423,288
REVEILLE—			
Gila Mine	1874–1891	6,128	531,315
Liberty Mine.....	1881–1888	145	15,623
Locke, E.....	1886–1890	52	9,922
Reveille Leasing Company.....	1920	271	16,757
Reveille Silver Mining Co.....	1870	619	20,482
ROUND MOUNTAIN—			
Buell.....	1914–1915	288	35,878

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Dodge Construction Co.	1938-1940	.....	\$237,380
Donald Placers	1939	.....	33,757
Fairview Mine	1907-1910	6,514	60,364
Gold Hill Development Co.	1929-1938	97,092	850,837
Gold Hill Mines	1936-1939	.....	51,315
Nevada-Porphyry Mines	1929-1940	158,853	1,646,907
Round Mountain Fairview Mining Co.	1918-1929	29,542	856,162
Round Mountain Fairview Extension Mining Co.	1919-1929	2,153	97,386
Round Mountain Hydraulic	1908	.....	10,514
Round Mountain Mining Co.	1907-1926	409,719	3,677,829
Round Mountain Sphinx	1908-1909	6,694	46,064
SAN ANTOINE (San Antonio, Royston)—			
Betts Leasing Company	1921	60	21,270
Liberty Mine	1867-1873	852	112,167
TONOPAH—			
Butler Group	1903-1940	271,244	6,357,611
Cash Boy	1917-1921	2,906	54,613
Halifax	1913-1926	45,926	1,069,797
McKane	1905	709	64,362
McNamara	1906-1926	176,655	2,005,625
Mizpah	1909	39,269	903,750
Montana-Tonopah	1903-1925	588,757	9,284,471
Rescue Eula	1916-1926	32,674	722,749
Tonopah-Belmont	1906-1940	2,019,068	38,362,293
Tonopah Development Co.	1918-1920	33,248	498,163
Tonopah Extension	1904-1939	1,547,124	22,198,069
Tonopah Merger	1913-1914	6,467	112,782
Tonopah Midway	1905-1924	33,176	1,274,136
Tonopah Mining Company	1902-1940	2,452,295	47,549,615
Tonopah North Star	1913-1929	31,333	659,294
West End Consolidated	1906-1939	769,254	14,366,821
TWIN RIVER—			
Murphy Mine	1867-1890	1,258	54,548
TYBO (Hot Creek)—			
Hall Brothers	1940	7,597	57,471
Louisiana Consolidated Mining Co.	1917-1920	1,184	37,292
Ma Alta Mine	1887-1888	891	32,038
Treadwell-Yukon	1929-1940	465,657	6,783,737
Two G Mine	1874-1891	87,693	2,435,129
UNION (Berlin, Grantsville, lone)—			
Alexander Mine	1879-1891	14,213	621,862

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—*Continued*

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Berlin Mine.....	1896–1909	35,294	\$361,693
Clipper Mine.....	1867–1877	223	16,603
Corlett Mine.....	1937–1940	1,619	20,178
Crown Mine	1873	46	6,675
Eldorado Mine.....	1872–1884	6,483	363,317
Great American Rooster Mine.....	1878–1880	23,340	577,600
Great Eastern Mine.....	1866	435	9,170
Indianapolis Mine	1867–1888	1,037	90,086
Mercury Mine.....	1913–1920	47,175	377,938
Nevada Cinnabar.....	1914–1916	27,562	264,072
Nevada Company.....	1882–1905	41,516	408,483
Shoo Fly Mine	1872	70	5,345
Storm King Mine.....	1877–1887	2,111	117,758

ORMSBY COUNTY

No mineral production is recorded from Ormsby County.

There were a number of mills operating along the Carson River during the sixties, seventies, and early eighties. The ore came from the Comstock Lode, therefore the tonnage and gross yield is included in the figures for Storey and Lyon Counties. No bullion tax was paid to Ormsby County.

However, it is known that there has been some production from properties within the county boundaries.

PERSHING COUNTY

Pershing County was formed from a part of Humboldt County in March 1919. Of the \$25,000,000 accredited to the county, \$10,000,000 was produced prior to this date.

Production figures were obtained from the following sources:

1865-1866—No records available.

1867-1870—From annual reports of the Director of the U. S. Mint, and U. S. Commissioner of Mining Statistics on the States and Territories West of the Rocky Mountains, as no county records were available.

1871-1918—From county records at Winnemucca.

1919-1940—From county records at Lovelock.

In the early period 1867 to 1880, inclusive, a good production was made of about \$3,500,000, principally from the Arizona and North Star mines in the Buena Vista district, and from the Butte and Rye Patch mines in the Echo district. In contrast, from 1881 to 1907, inclusive, the total production was less than \$500,000 for the 27 years, and came mostly from the Placerites (Rabbit Hole), and Sierra districts.

In 1908 the Seven Troughs district began to produce heavily, followed by the Rochester district in 1912, the Mill City in 1918, and Gerlach in 1927, resulting in an average production of over \$600,000 a year since 1910, with a maximum of \$1,750,000 in 1940.

The Central (Mill City) district ranks first with a recorded production of \$7,500,000, derived largely from tungsten mining, Rochester second, with over \$7,000,000, and Seven Troughs third, with over \$3,000,000.

Gerlach with about two and one-third million dollars is the next important district, all production coming from a gypsum mine located just within Pershing County.

The only other district above a million dollars is the Echo (Rye Patch), due to recent production of both tungsten and gold.

MINERAL PRODUCTION OF PERSHING COUNTY, 1865-1940 YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*	1867.....	607	\$35,222
1866*	1868.....	4,575	227,631

*No recorded production.

YEARLY SUMMARY—Continued

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1869.....	7,464	\$350,602	1906.....	1,703	\$33,840
1870.....	7,314	306,473	1907.....	2,315	26,167
1871.....	12,521	424,899	1908.....	3,929	171,922
1872.....	8,013	386,043	1909.....	9,693	213,863
1873.....	5,850	331,179	1910.....	1,703	125,647
1874.....	8,088	279,589	1911.....	6,967	685,406
1875.....	5,281	238,490	1912.....	6,240	491,091
1876.....	3,027	198,808	1913.....	10,196	323,488
1877.....	6,172	309,846	1914.....	18,812	701,114
1878.....	5,626	208,026	1915.....	31,583	752,222
1879.....	6,927	110,753	1916.....	76,564	782,606
1880.....	5,170	87,265	1917.....	70,071	656,590
1881.....	600	4,333	1918.....	98,194	1,535,051
1882.....	3,550	18,776	1919.....	50,323	574,662
1883.....	3,787	26,957	1920.....	55,535	671,059
1884.....	5,247	44,840	1921.....	87,271	824,316
1885.....	7,419	43,664	1922.....	110,199	868,201
1886.....	5,736	27,331	1923.....	63,773	607,924
1887.....	1,401	8,678	1924.....	27,926	303,128
1888.....	487	7,528	1925.....	33,218	148,611
1889.....	210	22,726	1926.....	797	34,917
1890.....	140	1,100	1927.....	151,090	535,645
1891.....	170	2,216	1928.....	160,366	798,056
1892.....	65	650	1929.....	214,071	777,961
1893.....	807	7,934	1930.....	185,152	860,422
1894.....	2,394	8,808	1931.....	136,150	468,730
1895*.....	.....	.....	1932.....	53,603	155,152
1896*.....	.....	.....	1933.....	53,395	269,599
1897*.....	.....	.....	1934.....	102,081	917,320
1898.....	100	2,400	1935.....	129,553	912,197
1899.....	101	6,451	1936.....	145,758	971,036
1900*.....	.....	.....	1937.....	152,623	926,813
1901*.....	.....	.....	1938.....	154,102	881,914
1902*.....	.....	.....	1939.....	194,151	1,134,889
1903.....	2,028	67,011	1940.....	387,865	1,753,982
1904.....	2,284	61,336			
1905.....	2,320	46,475		3,112,453	\$25,799,581

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Antelope (Cedar).....	880	\$122,535
Buena Vista (Unionville).....	69,291	2,677,005
Echo (Rye Patch).....	266,326	1,343,959
Gerlach.....	1,070,519	2,316,627
Goldbanks.....	5,607	95,922
Haystack.....	1,577	53,472

*No recorded production.

DISTRICT SUMMARY—Continued

	<i>Tons</i>	<i>Gross yield</i>
Imlay (Humboldt, Eldorado).....	1,145	\$44,504
Indian.....	4,633	39,688
Jersey.....	854	28,466
Kennedy.....	13,233	202,251
Loring (Lovelock, Willard).....	1,643	144,414
Mill City (Central).....	812,824	7,483,024
Nightingale.....	11,183	17,572
Placerites (Rabbit Hole).....	10,177	327,145
Relief (Antelope Springs).....	580	20,255
Rochester (Nenzel, Oreana).....	731,771	7,125,789
Rosebud.....	8,752	147,637
Sacramento.....	780	7,819
Sawtooth.....	.....	1,370
Scossa.....	799	17,285
Seven Troughs.....	57,393	3,185,836
Sierra (Sunshine, Dun Glen, Chafey, Oro Fino).....	34,104	297,589
Spring Valley.....	4,600	12,169
Star (Santa Clara).....	1,950	22,758
Trinity (Arabia).....	282	10,621
Unknown.....	1,550	53,869
	3,112,453	\$25,799,581

DISTRICT PRODUCTION BY YEARS

ANTELOPE (Cedar)		<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>		
	Silver, Gold, Lead, Copper	1875.....	3,337	\$118,994
1912.....	194	\$7,405	1,441	79,645
1914.....	40	2,554	2,342	121,585
1916.....	124	15,056	3,299	137,699
1917.....	252	9,808	4,606	78,497
1926.....	270	11,311	1,966	32,816
1928.....	.....	76,401	1,363	4,903
	880	\$122,535	240	2,000
		1937.....	2,088	9,891
		1938.....	1,107	6,586

BUENA VISTA (Unionville)

Silver, Gold, Lead, Copper	69,291	\$2,677,005
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		ECHO (Rye Patch)
1867.....	607	\$35,222
1868.....	4,575	227,631
1869.....	7,464	Silver, Gold, Copper, Lead, Tungsten
1870.....	7,314	350,602
1871.....	11,728	1871.....
1872.....	6,603	761
1873.....	4,061	\$34,933
1874.....	5,150	306,473
		1872.....
		1873.....
		1,046
		386,986
		1874.....
		1875.....
		2,938
		930
		751
		76,489
		82,260
		94,697
		751
		85,079

DISTRICT PRODUCTION BY YEARS—Continued

ECHO—Continued

Year	Tons	Gross yield
1877.....	2,606	\$150,722
1878.....	2,327	70,327
1880.....	73	23,662
1881.....	600	4,333
1888.....	47	4,700
1936.....	1,046	39,499
1937.....	905	42,926
1938.....	5,072	81,007
1939.....	27,745	93,675
1940.....	217,906	437,526
	266,326	\$1,343,959

GOLDBANKS

Mercury, Gold, Silver		
1914.....	452	\$6,400
1916.....	4,835	65,365
1939.....	320	7,729
1940.....	.....	16,428
	5,607	\$95,922

GERLACH

Gypsum		
1927.....	99,577	\$282,892
1928.....	90,082	243,621
1929.....	165,648	363,484
1930.....	125,976	276,368
1931.....	97,490	219,730
1932.....	31,840	65,148
1933.....	15,614	33,960
1934.....	37,027	74,450
1935.....	49,494	89,502
1936.....	73,711	128,673
1937.....	71,673	134,503
1938.....	65,778	131,184
1939.....	74,861	140,988
1940.....	71,748	132,124
	1,070,519	\$2,816,627

HAYSTACK

Gold, Silver		
1938.....	404	\$16,985
1939.....	1,087	34,051
1940.....	86	2,436
	1,577	\$53,472

INDIAN

Year	Tons	Gross yield
1875.....	300	\$6,000
1879.....	300	6,225
1880.....	441	9,235
1882.....	1,039	4,404
1883.....	1,065	7,755
1905.....	112	563
1907.....	1,276	5,104
1914.....	100	402
	4,633	\$39,688

IMLAY (Humboldt, Eldorado)

Gold, Silver, Lead, Copper, Mercury		
1898.....	100	\$2,400
1907.....	21	703
1909.....	400	2,019
1916.....	.....	13,582
1918.....	26	939
1935.....	16	2,393
1936.....	195	4,611
1937.....	51	1,075
1940.....	336	16,782
	1,145	\$44,504

JERSEY

Silver, Lead, Mercury		
1875.....	196	\$19,784
1876.....	85	5,500
1912.....	573	3,182
	854	\$28,466

KENNEDY

Gold, Silver, Lead		
1894.....	2,394	\$8,808
1899.....	86	5,701
1909.....	7,348	103,766
1934.....	233	22,361
1939.....	36	1,486
1940.....	3,136	60,129
	13,233	\$202,251

LORING (Lovelock, Willard)

Silver, Gold, Tungsten		
1917.....	.....	\$4,306
1918.....	92	4,745

DISTRICT PRODUCTION BY YEARS—Continued

LORING—Continued		Year	Tons	Gross yield
Year	Tons			
1919.....	176	\$8,608	1905.....	2,208
1923.....	.....	68,463	1906.....	1,703
1924.....	1,000	41,490	1907.....	1,018
1925.....	375	16,802	1908.....	527
	1,643	\$144,414	1912.....	109
			1914.....	.....
			1939.....	.....
			1940.....	.....
MILL CITY (Central)				
Tungsten, Silver, Copper				
1871.....	32	\$2,980		10,177
1882.....	111	2,724	RELIEF (Antelope Springs)	
1887.....	70	1,460	Silver, Gold, Mercury	
1893.....	707	6,734	1872.....	364
1899.....	15	750	1873.....	216
1917.....	833	49,941		.....
1918.....	8,186	682,971		580
1919.....	3,053	39,708		\$20,255
1922.....	448	1,210	ROSEBUD	
1924.....	.....	3,361	Silver, Gold, Copper, Lead	
1925.....	13,654	63,683	1909.....	329
1927.....	25,355	117,936	1933.....	3,100
1928.....	40,457	306,335	1934.....	1,198
1929.....	48,423	414,477	1935.....	550
1930.....	45,142	357,230	1939.....	2,100
1931.....	38,660	249,000	1940.....	1,475
1932.....	21,763	90,004		.....
1933.....	32,227	165,207		8,752
1934.....	62,073	463,653	ROCHESTER (Nenzel, Oreana)	
1935.....	77,170	703,714	Silver, Gold, Lead, Copper	
1936.....	69,380	731,016	1876.....	750
1937.....	76,699	724,704	1877.....	1,224
1938.....	81,317	628,742	1888.....	440
1939.....	78,338	714,606	1911.....	146
1940.....	88,711	960,878	1912.....	545
	812,824	\$7,483,024	1913.....	9,387
			1914.....	14,316
NIGHTINGALE			1915.....	24,702
Tungsten			1916.....	67,108
1925.....	11,183	\$17,572	1917.....	64,838
			1918.....	89,890
PLACERITES (Rabbit Hole)				
Gold, Copper			1919.....	47,094
1875.....	300	\$12,600	1920.....	55,535
1903.....	2,028	67,011	1921.....	87,271
1904.....	2,284	61,336	1922.....	109,751
			1923.....	63,773
				539,461

DISTRICT PRODUCTION BY YEARS—Continued

ROCHESTER—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1917.....	4,148	\$50,236
1924.....	26,926	\$258,277	1918.....	.....	57
1925.....	8,006	50,554	1930.....	14,034	226,824
1926.....	250	13,044	1933.....	537	50,856
1927.....	24,983	129,652	1934.....	1,077	242,783
1928.....	29,801	168,520	1935.....	346	104,077
1934.....	473	3,624	1936.....	529	11,177
1935.....	1,677	6,295	1937.....	1,038	10,046
1936.....	.....	42,720	1938.....	283	9,239
1937.....	109	2,512	1939.....	3,217	57,988
1939.....	1,721	19,725	1940.....	2,999	85,085
1940.....	1,055	12,275			
	731,771	\$7,125,789		57,393	\$3,185,836

SIERRA

(Sunshine, Dun Glen, Chafey,
Oro Fino)
Gold, Silver, Lead, Copper

1879.....	2,021	\$26,031
1880.....	2,690	21,552
1882.....	2,400	11,648
1883.....	2,722	19,202
1884.....	5,247	44,840
1885.....	5,603	34,253
1886.....	5,736	27,331
1887.....	1,331	7,218
1890.....	140	1,100
1891.....	170	2,216
1892.....	65	650
1893.....	100	1,200
1908.....	3,077	85,483
1927.....	1,175	5,165
1928.....	26	3,179
1933.....	1,601	6,521
	34,104	\$297,589

SEVEN TROUGHS

Gold, Silver, Copper, Lead

1908.....	325	\$75,699
1909.....	1,616	103,143
1910.....	1,703	125,647
1911.....	6,821	683,940
1912.....	4,579	459,846
1913.....	809	53,543
1914.....	3,004	275,809
1915.....	5,831	474,511
1916.....	4,497	85,330

STAR (Santa Clara)

Silver, Antimony

1914.....	900	\$11,369
1915.....	1,050	11,389

SAWTOOTH

Gold

1933.....	\$1,370
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SCOSSA

Gold

1933.....	138	\$5,205
1935.....	150	4,509
1936.....	351	5,588
1937.....	60	1,156
1940.....	100	827

SACRAMENTO

Silver, Gold

1936.....	423	\$4,235
1939.....	123	1,236
1940.....	234	2,348

SPRING VALLEY

(Fitting, American)

Gold, Silver, Mercury

1912.....	.....	\$100
1939.....	4,600	12,069
	4,600	\$12,169

DISTRICT PRODUCTION BY YEARS—Continued

TRINITY (Arabia)		Year	Tons	Gross yield
Silver, Lead, Antimony, Gold, Copper		1889.....	210	\$22,726
Year	Tons	Gross yield		
1926.....	277	\$10,562	178	2,296
1939.....	3	30	150	714
1940.....	2	29	123	3,517
			141	8,171
		1939.....	-----	433
	282	\$10,621	1940.....	77
				6,881
UNKNOWN				
1875.....	218	\$4,623	1,550	\$53,869
1885.....	453	4,508		

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

		Period	Tons	Gross yield
ANTELOPE (Cedar)—				
Majuba Hills Mine.....		1917	-----	\$9,808
Pershing Quicksilver Company.....		1928	-----	76,401
BUENA VISTA (Unionville)—				
Arizona Silver Mining Co.....	1867–1880	59,399	2,619,616	
Evans, O. M.....	1875	300	12,000	
Pioneer & Inskip.....	1871–1872	4,730	38,850	
ECHO (Rye Patch)—				
Rare Metals Corporation.....	1936–1940	20,568	366,942	
Rye Patch Mine.....	1872–1881	24,434	634,388	
Standard Cyaniding Company.....	1939–1940	212,151	327,691	
GERLACH—				
Pacific Portland Cement Co.....	1927–1940	1,070,519	2,316,627	
GOLDBANKS—				
Goldbanks Quicksilver Company..	1914–1916	5,287	71,765	
McCoy, Melvin.....	1939–1940	320	24,157	
HAYSTACK—				
Jungo Star Mining Co.....	1938–1940	1,577	53,472	
IMLAY (Humboldt, Eldorado)—				
Eldorado Quicksilver Co.....	1911	226	16,510	
Humboldt Mining Company.....	1916–1936	195	18,193	
INDIAN—				
Bonanza King Mining Co.....	1905–1907	1,406	5,667	
Oakland Gold & Silver				
Mining Company.....	1875	300	6,000	
Van De Water Gold and				
Silver Mining Co.....	1879–1883	2,330	25,117	
JERSEY—				
Jersey Mining Co.....	1875–1876	281	25,284	
Jersey Valley Mining Co.....	1912	573	3,182	
KENNEDY—				
Benham.....	1934	233	22,361	
Chafey-Sims.....	1909	7,848	103,766	

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued			
	Period	Tons	Gross yield
Gold Note Mine.....	1899	85	\$5,701
Imperial Mine.....	1894	2,220	7,860
Mt. Tobin Quicksilver Co.....	1940	2,950	55,297
LORING (Lovelock, Willard)—			
Great Western Mining Co.....	1923–1925	1,375	126,755
MILL CITY (Central)—			
Blackbird Mine.....	1893	707	6,734
Egnes, Al.....	1918	1,532	19,236
Forge & Stank.....	1917–1918	463	30,095
Jones Brothers.....	1939–1940	460	9,186
Mill City Tungsten Co.....	1917–1918	4,847	397,736
Nevada-Humboldt Tungsten Co.....	1918	2,625	287,055
Nevada-Massachusetts Co.....	1925–1940	793,640	6,648,524
NIGHTINGALE—			
Toulon Leasing Co.....	1925	11,183	17,572
PLACERITES (Rabbit Hole)—			
Federal Mines.....	1914	.....	29,680
Humboldt Sulphur Co.....	1875	300	12,600
Nevada Sulphur Co.....	1903–1912	9,877	240,834
Rio Seco Mining Co.....	1929–1940	.....	36,915
RELIEF (Antelope Springs)—			
Central Pacific Mine.....	1872–1873	580	20,255
ROCHESTER (Nenzel, Oreana)—			
Big Four Leasing Company.....	1913–1915	13,380	383,544
Buck & Charley Mines Co.....	1913–1919	605	19,221
Hurricane Mine	1913–1939	2,118	87,735
Lincoln Hill Mines.....	1915–1917	409	16,844
McCartney, E.	1940	407	5,698
Nevada Packard Mines Co.....	1913–1923	241,266	1,559,319
Rochester Gold Coin Mine.....	1914–1915	1,476	22,728
Rochester Hills.....	1913–1915	11,777	231,669
Rochester Mines Co.....	1915–1920	178,397	1,924,375
Rochester Plymouth Mines.....	1935–1936	1,677	49,021
Rochester Silver Corporation.....	1920–1928	274,686	2,699,813
Sullivan, Vernon R.....	1939–1940	1,432	6,182
Wabash Quartz Mines.....	1937–1939	361	10,063
ROSEBUD—			
Webster, Paul.....	1939–1940	4,724	27,076
SEVEN TROUGHS—			
Gold Box Mining Co.....	1938–1939	141	8,604
Holm & Snyder.....	1914–1917	1,027	14,382
Laughton & Caustin.....	1934–1940	3,099	122,460
Mazuma Hills Mining Co.....	1908–1915	2,105	82,689
Nevada State Gold Mines.....	1933–1938	283	125,463
Seven Troughs Coalition.....	1910–1917	22,849	1,602,055

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Seven Troughs Florence.....	1909-1911	269	\$11,565
Seven Troughs Kindergarten.....	1909-1911	2,908	222,439
Seven Troughs Mining Co.....	1908-1930	17,365	702,637
Signal Peak Gold & Silver Mining Company.....	1911-1912	233	13,333
Tucker & Causten.....	1939	187	50,150
SIERRA (Sunshine, Dun Glen, Chafey, Oro Fino)—			
Auburn Mine	1882-1883	1,800	10,148
Chafey.....	1908	3,077	85,488
Golden Chariot Mine.....	1886-1893	691	7,326
Lang Syne Mining Co.....	1879-1880	4,711	47,583
Ross Mine	1883-1887	19,223	122,036
White Bear Syndicate.....	1927-1928	1,201	8,344
SPRING VALLEY—			
STAR (Santa Clara)—			
Star Peak Mine.....	1914-1915	1,950	22,758
TRINITY (Arabia)—			
Electric Mining & Reduction Co... UNKNOWN—	1926	277	10,562
Roe, C. H.....	1889	210	22,726
Wadley, J. K.....	1940	20	5,084

STOREY COUNTY

Production figures were obtained from the following sources:

Nevada State Bureau of Mines, Bulletin 37, "The History of the Comstock Lode," by Grant H. Smith.

1867-1870—From report of State Controller.

1871-1875—From report of the State Mineralogist of Nevada.

1875-1940—From county records at Virginia City, being the only county records available.

In the period of 1859-1940, inclusive, Storey County lead all the other counties in gross recorded production until surpassed by White Pine County in the last year of 1940.

It was the astonishing production of the Comstock Lode before the days of Statehood that caused the search for and the mining of ores in the other counties of the State.

For the years before the State Constitution in 1865 required the filing of gross production records, the production figures given here are those compiled from the best authentic data on that period.

The great fire in Virginia City in 1875 destroyed the records filed at the county court house, but copies had been filed at State offices. The records for the years 1875-1940, inclusive, are complete in the present courthouse.

Beginning with a million-dollar production in 1860, the year after the discovery of the Comstock Lode, the county by 1880 had produced around \$300,000,000 in the 20-year period—an unparalleled record! The peak of this record was the production of \$166,000,000 in the six-year period of 1873-1878, inclusive, with the maximum of over \$38,000,000 in the one year of 1876.

The better than a million a year record continued through 1894, occurred again in 1911-1913, 1923-1926, and back again in the recent years of 1936-1940, inclusive.

In the years from 1859-1869, inclusive, the production was not distributed between Virginia City and Gold Hill as it was thereafter. These two districts have accounted for more than 99 percent of the county's production.

An accurate and fascinating history of these two districts is to be found in Bulletin No. 37 of the Nevada State Bureau of Mines entitled, "The History of the Comstock Lode."

MINERAL PRODUCTION OF STOREY COUNTY, 1865-1940
YEARLY SUMMARY

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1859.....	859	\$257,000	1901.....	35,948	\$719,679
1860.....	12,500	1,000,000	1902.....	43,027	392,676
1861.....	34,000	2,500,000	1903.....	31,900	265,941
1862.....	93,000	6,000,000	1904.....	45,360	812,179
1863.....	250,000	12,500,000	1905.....	39,993	553,433
1864.....	380,000	16,000,000	1906.....	36,281	591,980
1865.....	421,000	16,000,000	1907.....	16,551	299,956
1866.....	480,000	11,739,101	1908.....	64,943	814,752
1867.....	462,176	13,738,618	1909.....	87,061	727,494
1868.....	337,624	9,441,717	1910.....	109,152	553,033
1869.....	279,620	6,684,065	1911.....	117,202	1,330,242
1870.....	238,966	11,382,125	1912.....	118,283	1,083,288
1871.....	444,644	10,644,703	1913.....	193,506	1,181,568
1872.....	421,969	12,630,674	1914.....	100,016	350,559
1873.....	448,801	22,389,575	1915.....	82,236	285,809
1874.....	534,340	22,525,275	1916.....	49,908	448,002
1875.....	539,856	26,023,037	1917.....	48,597	436,728
1876.....	598,415	38,048,145	1918.....	52,796	659,321
1877.....	562,507	37,062,252	1919.....	43,081	635,860
1878.....	302,905	20,436,685	1920.....	37,333	550,768
1879.....	173,753	7,559,508	1921.....	56,981	489,355
1880.....	147,746	4,332,241	1922.....	134,435	637,974
1881.....	75,948	1,414,308	1923.....	572,079	1,902,881
1882.....	90,173	1,675,002	1924.....	541,586	2,157,680
1883.....	125,914	1,995,035	1925.....	466,905	2,093,884
1884.....	188,368	2,620,751	1926.....	385,470	1,709,100
1885.....	238,942	2,952,449	1927.....	147,356	554,001
1886.....	268,979	3,429,663	1928.....	67,139	181,469
1887.....	223,682	3,820,120	1929.....	10,291	203,248
1888.....	271,598	5,665,335	1930.....	7,093	83,468
1889.....	284,560	5,525,782	1931.....	4,653	60,068
1890.....	286,875	4,062,019	1932.....	1,189	20,198
1891.....	186,394	2,733,219	1933.....	20,979	100,354
1892.....	133,671	1,963,333	1934.....	103,811	632,949
1893.....	109,780	1,872,104	1935.....	151,911	689,158
1894.....	97,049	1,281,468	1936.....	368,791	1,369,869
1895.....	63,558	914,789	1937.....	580,622	1,736,669
1896.....	39,240	804,088	1938.....	390,024	1,478,500
1897.....	17,850	610,014	1939.....	294,307	1,277,147
1898.....	10,766	410,015	1940.....	209,993	1,301,418
1899.....	6,780	389,161			
1900.....	12,109	299,179		15,765,706	\$384,705,213

DISTRICT SUMMARY

		<i>Tons</i>	<i>Gross yield</i>
Flowery.....		346,958	\$3,686,248
Gold Hill.....		5,555,344	100,631,930
Virginia City.....		8,054,801	210,004,253
Virginia City & Gold Hill*.....		1,808,603	70,382,782
		15,765,706	\$384,705,213

DISTRICT PRODUCTION BY YEARS

FLOWERY		<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
Gold, Silver, Copper, Lead		1871.....	202,516	\$5,666,530
<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>		
1871.....	46,589	\$520,738	1872.....	240,522
1872.....	29,538	126,307	1873.....	340,700
1873.....		253,344	1874.....	368,695
1876.....	225	19,369	1875.....	189,702
1877.....		416,854	1876.....	45,060
1878.....		570,150	1877.....	138,553
1879.....	478	386,794	1878.....	33,082
1880.....	1,965	247,473	1879.....	17,756
1881.....	1,984	24,752	1880.....	12,932
1882.....		56,842	1881.....	9,173
1883.....	1,381	30,087	1882.....	55,313
1884.....	3,853	29,322	1883.....	80,430
1885.....	1,989	15,838	1884.....	119,044
1889.....	500	3,200	1885.....	141,120
1890.....	496	4,570	1886.....	109,797
1922.....	130	976	1887.....	66,440
1923.....	807	8,219	1888.....	73,619
1924.....	18,000	110,658	1889.....	87,049
1925.....	46,500	206,173	1890.....	98,645
1926.....	48,600	162,114	1891.....	60,178
1927.....	66,800	190,985	1892.....	24,426
1928.....	64,503	139,852	1893.....	22,098
1929.....	6,650	135,825	1894.....	26,277
1932.....	419	9,539	1895.....	33,297
1939.....	5,205	8,666	1896.....	5,184
1940.....	346	7,601	1897.....	638
			1898.....	7,324
			1899.....	1,960
			1900.....	3,234
GOLD HILL		1901.....	10,194	173,775
Silver, Gold, Copper, Lead		1902.....	16,881	107,077
1866.....	239,040	\$5,846,675	1903.....	9,183
1867.....	189,492	5,616,607	1904.....	18,277
1870.....	71,690	4,060,092	1905.....	19,100
				134,738

*Individual districts not given for the years 1859-1865, inclusive, and 1868 and 1869.

DISTRICT PRODUCTION BY YEARS—Continued

GOLD HILL—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1879.....	155,519	\$6,950,288
1906.....	22,488	\$108,329	1880.....	132,849	3,931,519
1907.....	3,638	34,268	1881.....	64,791	1,247,732
1908.....	24,737	88,626	1882.....	34,860	776,300
1909.....	46,349	123,477	1883.....	44,103	637,055
1910.....	69,333	100,913	1884.....	65,471	943,467
1911.....	37,423	107,328	1885.....	95,833	1,320,707
1912.....	43,633	137,797	1886.....	159,182	2,192,732
1913.....	34,535	74,856	1887.....	157,242	3,195,791
1914.....	50,809	90,131	1888.....	197,979	4,535,126
1915.....	38,432	54,311	1889.....	197,011	4,126,063
1917.....	13,464	26,711	1890.....	187,734	2,699,243
1918.....	13,426	35,972	1891.....	126,216	2,071,163
1919.....	379	4,009	1892.....	109,245	1,640,809
1920.....	452	3,498	1893.....	87,682	1,574,195
1922.....	80,131	234,782	1894.....	70,772	1,034,511
1923.....	538,210	1,711,773	1895.....	30,261	587,720
1924.....	376,896	1,512,354	1896.....	34,056	730,518
1925.....	2,308	10,023	1897.....	17,212	579,937
1927.....	507	11,212	1898.....	3,442	102,587
1928.....	2,206	20,394	1899.....	4,820	233,582
1929.....	.....	13,649	1900.....	8,875	246,711
1933.....	6,053	28,269	1901.....	25,754	545,904
1934.....	46,878	392,190	1902.....	26,146	285,599
1935.....	36,156	306,413	1903.....	22,717	174,086
1936.....	244,305	924,778	1904.....	27,083	714,006
1937.....	191,404	951,362	1905.....	20,893	418,695
1938.....	171,018	762,351	1906.....	13,793	483,651
1939.....	132,804	820,612	1907.....	12,913	265,688
1940.....	138,749	1,160,463	1908.....	40,206	726,126
	5,555,344	\$100,631,930	1909.....	40,712	604,017
			1910.....	39,819	452,120
VIRGINIA CITY			1911.....	79,779	1,222,914
Silver, Gold, Copper, Lead			1912.....	74,650	945,491
1866.....	240,960	\$5,892,426	1913.....	158,971	1,106,712
1867.....	272,684	8,122,011	1914.....	49,207	260,428
1870.....	167,276	7,322,033	1915.....	43,804	231,498
1871.....	195,539	4,457,435	1916.....	49,908	448,002
1872.....	151,909	2,399,828	1917.....	35,133	410,017
1873.....	108,101	2,526,137	1918.....	39,370	623,349
1874.....	165,645	5,631,319	1919.....	42,702	631,851
1875.....	350,154	22,020,684	1920.....	36,881	547,270
1876.....	553,130	36,799,791	1921.....	56,981	489,355
1877.....	423,954	34,157,251	1922.....	54,174	402,216
1878.....	269,823	19,382,001	1923.....	33,062	182,889

DISTRICT PRODUCTION BY YEARS—Continued

VIRGINIA CITY—Continued			Year	Tons	Gross yield
Year	Tons	Gross yield	1940.....	70,898	\$133,354
1924.....	146,690	\$534,668			
1925.....	418,097	1,877,688		8,054,801	\$210,004,253
1926.....	336,870	1,546,986			
1927.....	80,049	351,804	VIRGINIA CITY & GOLD HILL*		
1928.....	430	21,223	Silver, Gold, Copper, Lead		
1929.....	3,641	53,774	1859.....	859	\$257,000
1930.....	7,093	83,468	1860.....	12,500	1,000,000
1931.....	4,653	60,068	1861.....	34,000	2,500,000
1932.....	770	10,659	1862.....	93,000	6,000,000
1933.....	14,926	72,085	1863.....	250,000	12,500,000
1934.....	56,933	240,759	1864.....	380,000	16,000,000
1935.....	115,755	382,745	1865.....	421,000	16,000,000
1936.....	124,486	445,091	1868.....	337,624	9,441,717
1937.....	389,218	785,307	1869.....	279,620	6,684,065
1938.....	219,006	716,149			
1939.....	156,298	447,869		1,808,603	\$70,382,782

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

FLOWERY—	Period	Tons	Gross yield
Adriatic Mine.....	1939	5,205	\$8,666
Flowery Mines Company.....	1924–1929	251,353	945,627
Hully.....	1881–1889	.....	24,069
Lady Bryan Mine.....	1862–1832	6,275	91,538
Monte Cristo.....	1879–1890	9,726	95,501
Nevada Canyon Mines.....	1922–1923	937	9,195
Omega Mill.....	1876–1882	.....	1,597,113
Park-Bowie.....	1871–1873	55,609	763,278
GOLD HILL—			
Alamo.....	1900	22	5,960
Alpha.....	1863–1870	7,000	175,000
Balam & Maher.....	1934	1,239	19,559
Brighenti & Maciotta.....	1938–1939	1,139	19,339
Brown.....	1935	2,153	24,910
Caledonia.....	1870–1878	30,015	400,000
Capurro & Bandholtz.....	1934	592	17,709
Central.....	1859–1863	6,756	500,000
Challenge.....	1863–1893	20,494	410,228
Comstock Merger Mines—			
South Group.....	1924–1928	920,293	3,970,344
Comstock Merger Mines—			
Middle Group.....	1925–1927	44,905	221,439
Confidence.....	1863–1897	89,561	2,032,571

*Districts not given separately for the years 1859–1865, inclusive, and 1868 and 1869.

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Consolidated Imperial.....	1876-1893	49,379	\$749,640
Crown Point.....	1864-1915	1,292,345	34,201,525
Davis, R.....	1936	1,621	17,502
Davis & Son.....	1934-1940	4,458	61,278
Dayton Consolidated Mining Co...	1936-1940	132,397	1,377,270
Donovan, William	1922-1939	79,192	518,478
Douglas Mill.....	1884-1885	.....	33,747
Empire.....	1863-1877	165,208	3,645,739
Flanagan & Dick.....	1940	376	8,779
Gordon	1937-1940	2,185	10,529
Hartford Mining Company.....	1935-1940	72,036	395,587
Houlahan	1936	250	12,595
Imperial Consolidated.....	1863-1876	232,922	5,448,050
Jacket-Crown Point-Belcher	1915-1920	50,087	59,978
Johnson & Weiser.....	1934	656	12,544
Justice	1873-1905	203,577	3,715,187
Kentuck	1866-1893	211,623	5,763,295
Little Gold Hill.....	1859-1876	160,000	3,520,000
Little Gold Hill, Plato, Cons. Piute,			
Rice, Eclipse, Bacon, Trench..	1859-1866	325,000	12,000,000
Longers	1936	2,752	22,539
Nevada Securities.....	1934-1936	15,359	66,301
Occidental	1866-1894	38,449	699,559
Old Wine.....	1901-1902	7,257	87,613
Overland	1893-1936	43,967	333,805
Redlow & McKinney.....	1936	374	5,204
Segregated Belcher	1865-1898	1 9,911	178,433
Silver Hill.....	1863-1940	244,802	81,178,344
Spearhead	1925	2,251	1,527,125 7589
Stephenson	1875-1881	.....	82,312
St. Louis	1934-1935	3,162	35,951
Storey County Mines.....	1937-1938	57,318	232,042
Succor	1860-1895	42,427	526,387
Sutro Tunnel Coalition.....	1923-1940	243,744	1,466,873
Trojan	1877-1879	12,810	144,392
United Comstock Mines.....	1922-1924	900,049	3,394,968
Vivian Mining Company.....	1875-1938	2,770	41,944
Windish & Robohm.....	1917-1923	9,830	41,074
Woodville	1872-1875	7,076	121,813
Yellow Jacket.....	1863-1919	1,027,900	17,676,736
VIRGINIA CITY—			
Alta	1879-1890	24,805	398,372
Andes	1875-1917	6,920	72,377
American Quicksilver Company....	1939	1,960	8,251
Arizona Comstock	1933-1940	473,635	1,497,558
Belcher	1863-1916	984,927	36,177,118

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	<i>Period</i>	<i>Tons</i>	<i>Gross yield</i>
Bossell Brothers.....	1876–1883	.....	\$34,513
Butters	1906–1916	.....	780,706
California	1860–1905	1,560,486	64,596,684
Castle Peak Quicksilver Co.....	1929–1934	21,539	229,180
Chollar Leasing Company.....	1911–1923	88,454	530,482
Chollar-Potosi	1861–1904	698,356	17,789,599
Comstock Keystone	1933–1939	15,074	146,414
Comstock Leasing Company.....	1916–1922	104,246	941,113
Comstock Monte Cristo.....	1913–1914	52,941	191,251
Comstock Mining & Milling Co.....	1905	3,000	7,000
Comstock Phoenix.....	1910–1919	17,061	420,149
Consolidated Chollar Gold & Silver Company*.....	1933–1939	544,352	1,188,420
Consolidated Virginia Mining Co.....	1873–1934	981,055	62,763,531
Courser, J.	1876–1883	.....	17,694
Duval, Chas. F.....	1904–1914	78,234	331,999
Elholm	1876	.....	7,070
Express Mill.....	1875–1878	.....	209,664
Fuehrman, George.....	1926–1928	.....	30,360
Gould & Curry.....	1860–1889	316,634	15,686,749
Hale & Norcross.....	1865–1926	457,345	10,299,736
Jennings	1876–1881	.....	27,654
Lynch	1879–1880	.....	18,713
Mariposa Mill.....	1876–1885	8,270,539	260,546,017
Mexican	1859–1918	66,222	2,757,658
Omega Mill.....	1876–1882	.....	1,596,593
Ophir	1859–1921	505,892	15,439,171
Overman	1861–1897	175,098	2,536,483
Potosi Mining Company.....	1883–1897	76,967	1,105,292
Railroad Mill.....	1875–1878	.....	363,311
Rule	1940	303	6,490
Sacramento & Meridith.....	1862–1866	27,500	220,000
Savage	1863–1909	580,591	17,524,645
Sierra Nevada.....	1869–1940	311,767	1,581,428
Techon & Waterhouse.....	1914–1918	3,559	12,372
Union	1871–1918	90,217	2,452,140
Williams Lease.....	1939–1940	1,399	22,181

*Ore probably from Gold Hill.

WASHOE COUNTY

Production figures were obtained from the following sources:

1865-1874—From report of the State Mineralogist of Nevada, and the State Controller's records.

1875-1913—From reports of the Director of the U. S. Mint and the State Controller.

1914-1940—From county records at Reno, being the only county records available.

Washoe County has a recorded production of only about \$1,500,000. The Leadville district has been the principal producer in the county, with over \$500,000 between 1910 and 1925, and half of this figure in the year 1924.

The White Horse district ranks second in importance with also a total of \$500,000. Production began in the late nineties, reached the peak in 1902 with more than \$140,000, and since has produced only intermittently.

The earliest production in the county was from the Peavine district. It was active in the early seventies, but has reported very little production since that date. Of the \$160,000 reported, about \$150,000 came in the period 1872-1874 from the Golden Fleece mine.

County records for the Wedekind district cover 1901 and 1902 only, and show a production of but \$73,000. Old smelter settlement sheets still available indicate a much higher figure. Apparently the mine owners did not comply with the law requiring the filing of gross production records and thus failed to give the district its just dues as a producer in the best authentic record to be had. This is probably true in many other districts.

MINERAL PRODUCTION OF WASHOE COUNTY, 1865-1940

YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865*	1873.....	13,618	\$68,354
1866*	1874.....	5,910	26,449
1867*	1875*	.....	.....
1868*	1876*	.....	.....
1869*	1877*	.....	.....
1870*	1878*	.....	.....
1871*	1879*	.....	.....
1872.....	10,052	\$53,661	1880*	.....	.....

*No recorded production.

YEARLY SUMMARY—Continued

Year	Tons	Gross yield	Year	Tons	Gross yield
1881.....	2,616	\$39,533	1912.....	697	\$13,501
1882*.....	.....	.....	1913.....	358	25,864
1883.....	.....	25,000	1914.....	70	6,127
1884.....	18	3,094	1915*.....	.....	.....
1885*.....	.....	.....	1916.....	316	39,688
1886*.....	.....	.....	1917*.....	.....	.....
1887*.....	.....	.....	1918*.....	.....	.....
1888.....	.....	8,000	1919*.....	.....	.....
1889.....	.....	19,473	1920*.....	.....	.....
1890*.....	.....	.....	1921*.....	.....	.....
1891.....	.....	12,300	1922*.....	.....	.....
1892.....	.....	16,000	1923.....	410	55,386
1893*.....	.....	.....	1924.....	1,728	253,985
1894*.....	.....	.....	1925.....	886	152,965
1895*.....	.....	.....	1926.....	182	21,676
1896*.....	.....	.....	1927*.....	.....	.....
1897*.....	.....	.....	1928*.....	.....	.....
1898.....	.....	38,260	1929*.....	.....	.....
1899.....	.....	53,300	1930*.....	.....	.....
1900.....	.....	126,363	1931*.....	.....	.....
1901.....	2,073	65,495	1932*.....	.....	.....
1902.....	2,186	165,434	1933*.....	.....	.....
1903.....	1,903	34,838	1934.....	.....	927
1904.....	2,050	17,938	1935.....	115	2,815
1905*.....	.....	.....	1936.....	569	2,881
1906*.....	.....	.....	1937*.....	.....	.....
1907*.....	.....	.....	1938.....	113	1,208
1908*.....	.....	.....	1939.....	2,299	44,825
1909.....	2,201	5,759	1940.....	5,399	60,335
1910.....	872	12,271			
1911.....	227	19,633		56,868	\$1,493,338

DISTRICT SUMMARY

	Tons	Gross yield
Galena (Washoe)	844	\$476
Granite Range.....	5,325	69,497
Jumbo (West Comstock).....	1,200	5,000
Leadville	3,719	541,671
Peavine (Reno, Crystal Peak).....	30,530	160,128
Pyramid	2,634	87,100
Wedekind (Glendale)	2,350	73,126
White Horse (Olinghouse)	10,266	520,040
Unknown .....	.....	36,300
	56,868	\$1,493,338

*No recorded production.

DISTRICT PRODUCTION BY YEARS

GALENA (Washoe)		Year	Tons	Gross yield
Year	Tons	Gross yield		
Lead, Zinc, Silver, Gold, Copper		1883.....	.....	\$25,000
1909.....	844	\$476	18	3,094
		1889.....	.....	19,473
GRANITE RANGE				
	Gold		2,634	\$87,100
1939.....	1,984	\$32,813		
1940.....	3,341	36,684		
	5,325	\$69,497	950	\$49,615
			1,400	23,511
JUMBO (West Comstock)				
	Gold, Silver		2,350	\$73,126
1909.....	1,200	\$5,000		
LEADVILLE		WHITE HORSE (Olinghouse)		
Silver, Lead, Zinc, Gold		Gold, Silver		
1910.....	16	\$1,589	1898.....	\$38,260
1911.....	45	5,528	1899.....	53,300
1912.....	21	2,640	1900.....	126,363
1913.....	227	23,763	1901.....	15,880
1914.....	70	6,127	1902.....	141,923
1916.....	316	39,688	1903.....	34,838
1923.....	410	55,386	1904.....	17,938
1924.....	1,728	253,985	1910.....	10,682
1925.....	886	152,965	1911.....	14,105.
	3,719	\$541,671	1912.....	1,581
			1926.....	21,676
			1933.....	417
			1934.....	510
PEAVINE (Reno, Crystal Peak)				
Gold, Silver, Copper, Lead			1935.....	2,815
1872.....	10,052	\$53,661	1936.....	2,881
1873.....	13,618	68,354	1938.....	1,208
1874.....	5,910	26,449	1939.....	315
1909.....	157	283	1940.....	12,012
1912.....	662	9,280		23,651
1913.....	131	2,101		
	30,530	\$160,128	10,266	\$520,040
PYRAMID		UNDISTRIBUTED		
Copper, Silver, Gold				
1881.....	2,616	\$39,533	1888.....	\$8,000
			1891.....	12,300
			1892.....	16,000
				\$36,300

**PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS**

	Period	Tons	Gross yield
GRANITE RANGE—			
Burm Ball Mining Company.....	1939-1940	5,325	\$69,497
JUMBO (West Comstock)—			
Barge Mining & Milling Co.....	1909	1,200	5,000
LEADVILLE—			
Leadville Mines Company.....	1911-1925	3,024	462,336
Tohoqua Mines Company.....	1910-1916	649	73,611
PEAVINE (Reno, Crystal Peak)—			
T. A. Larke, Agt. for Golden Fleece and other mines.....	1872-1874	29,580	148,464
Red Metals Company.....	1912-1913	793	11,381
PYRAMID—			
Franco-American Mine and Leasers	1881-1889	2,634	87,100
WEDEKIND (Glendale)—			
Desert King	1902-1903	333	6,569
Reno Star.....	1901	326	15,628
Wedekind	1901-1903	994	36,354
WHITE HORSE (Olinghouse)—			
Cabin No. 2.....	1902-1904	1,710	20,050
Clemens, Ray.....	1936-1940	1,839	11,867
Dallmure, George.....	1939-1940	122	6,047
Effrick & Carothers.....	1926	182	21,676
Gold Center Mine.....	1901-1904	513	12,726
Gold Ledge Mine.....	1901-1904	955	7,958
Huskey & Springer.....	1901-1902	182	14,105
Juniper	1901-1903	598	9,615
Keystone Mining Company.....	1910	856	10,682

WHITE PINE COUNTY

White Pine County was created on March 2, 1869. Prior to that date it was included in the area comprising Lander County. Production figures were obtained from the following sources:

1865-1868—From county records at Austin.

1869-1883—From annual reports of the Director of the U. S. Mint, reports of the State Controller, U. S. Commissioner of Mining Statistics on the States and Territories West of the Rocky Mountains, and reports of the State Mineralogist of Nevada. No county records available in county offices in Ely. They are believed to have been destroyed in a fire at the courthouse in Hamilton which occurred in 1883.

1884-1940—From county records at Ely.

About 95 percent of the county's recorded production of \$400,000,000 has come from the Ely (Robinson) district, during the years 1908-1940. Small amounts were reported intermittently beginning with the year 1867, but the important production began with the operations of the Nevada Consolidated Copper Company in 1908, and the Consolidated Coppermines Corporation in 1910. These two companies are credited with most of the production from the district, and about 90 percent of the county's production.

The second largest district in the county is the White Pine (Hamilton) district. Production began in 1865 and continued steadily through the eighties over which time it is credited with \$10,000,000. Less than a million has been produced in the 50 years that have followed. The principal mines were the Aurora, Eberhard, Hidden Treasure, and Young Treasure.

Cherry Creek is the third district of importance, with about \$4,000,000, most of which came from the Chloride Flat, Exchequer, Star and Teacup mines in the years 1865-1883. Since that time production has continued intermittently, but it has been small.

The Minerva (Shoshone) district has a production of about \$1,750,000, most of which came between 1937 and 1940. Tungsten Metals Corporation was the principal producer. More than \$1,000,000 came from the Taylor district, largely during the

years 1883–1888 from the Argus, Monitor, and Sunrise mines. The Osceola, Tungsten, and Ward districts are credited with almost \$700,000 each. The principal mines in these districts were the Gilded Age, Paymaster, Nevada United, and the U. S. Tungsten Corporation. The Newark district has a recorded production of more than \$400,000 from the Bay State, Centenary, Chihuahua, Trench, and Battery mines.

In 1940 White Pine County became the leading county in respect to total past recorded production, with over \$400,000,000 to its credit. With an average production of over \$11,000,000 a year from 1936 to 1940, inclusive, it is apparent that the county will keep this leadership for many years in the future.

Among all the properties in the State that have reported production, the Nevada Consolidated Copper Company ranks easily first with over \$316,000,000, or 22 percent of the State's total production over this 82-year period.

MINERAL PRODUCTION OF WHITE PINE COUNTY, 1865–1940 YEARLY SUMMARY

Year	Tons	Gross yield	Year	Tons	Gross yield
1865.....	400	\$29,358	1891.....	6,093	\$114,269
1866.....	632	619,948	1892.....	1,591	24,768
1867.....	1,220	296,661	1893.....	807	22,029
1868.....	3,048	1,042,669	1894*.....	.....	.....
1869.....	28,619	1,881,814	1895.....	1,152	37,866
1870.....	35,714	2,235,210	1896–97..	1,009	37,870
1871.....	36,179	1,219,312	1898.....	17,248	122,599
1872.....	20,150	706,640	1899.....	3,516	179,595
1873.....	13,749	495,175	1900.....	2,049	141,293
1874.....	14,987	642,134	1901.....	1,548	87,345
1875.....	23,824	907,231	1902.....	1,213	67,644
1876.....	2,369	136,504	1903.....	1,695	59,165
1877.....	8,368	404,978	1904.....	1,476	55,715
1878.....	11,793	487,292	1905.....	1,219	53,653
1879.....	28,223	739,884	1906.....	79	5,160
1880.....	41,760	420,314	1907.....	289	19,449
1881.....	8,991	364,783	1908.....	143,035	622,470
1882.....	6,602	265,687	1909.....	1,570,049	6,582,905
1883.....	9,228	321,323	1910.....	2,407,462	8,619,419
1884.....	14,308	187,353	1911.....	2,780,274	8,590,223
1885.....	15,617	323,681	1912.....	3,034,365	11,665,907
1886.....	10,116	339,705	1913.....	3,476,666	11,062,574
1887.....	11,276	275,473	1914.....	2,758,126	7,271,923
1888.....	10,201	213,865	1915.....	3,209,384	11,969,614
1889.....	7,270	164,156	1916.....	4,362,831	25,975,427
1890.....	2,703	89,271	1917.....	4,578,927	25,072,750

*No recorded production.

YEARLY SUMMARY—Continued

<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>	<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
1918.....	4,462,097	\$24,616,389	1931.....	2,864,803	\$6,217,753
1919.....	3,539,781	15,736,424	1932.....	1,331,409	2,034,394
1920.....	2,710,872	10,210,770	1933.....	1,211,734	2,162,196
1921.....	452,339	1,959,794	1934.....	1,834,097	3,373,136
1922.....	540,531	2,960,037	1935.....	2,971,048	7,447,624
1923.....	2,651,592	9,000,592	1936.....	4,605,649	13,435,055
1924.....	3,512,725	11,270,102	1937.....	5,545,583	15,793,191
1925.....	4,269,883	11,540,454	1938.....	4,039,487	10,581,962
1926.....	3,782,839	12,520,902	1939.....	4,887,236	12,912,364
1927.....	4,658,389	15,250,319	1940.....	8,845,057	24,181,248
1928.....	5,091,466	22,203,575			
1929.....	6,196,603	22,798,904		112,708,493	\$402,974,171
1930.....	3,973,873	11,494,933			

DISTRICT SUMMARY

	<i>Tons</i>	<i>Gross yield</i>
Aurum (Silver Canyon, Ruby Hill, Schell Creek, Muncey)	6,346	\$181,948
Bald Mountain.....	34	2,663
Black Horse	5,476	18,484
Cherry Creek (Egan Canyon, Gold Canyon).....	198,716	3,815,027
Duck Creek (Success).....	807	25,580
Eagle (Regan, Tungstonia, Kern, Pleasant Valley)	5,251	90,027
Ely (Robinson)	111,898,882	382,464,292
Granite (Steptoe)	2,202	55,106
Hunter	561	19,096
Minerva (Shoshone, Lexington).....	94,417 (?)	1,718,934
Newark (Strawberry)	10,089	416,991
Osceola	35,606	683,140
Piermont	2,564	41,424
Pinto	1,363	96,772
Sacramento	8,623	71,618
Taylor	59,811	1,181,625
Tungsten	9,058	672,353
Ward	28,117	695,031
White Pine (Hamilton)	335,772	10,675,388
Unknown	4,798	48,672
	112,708,493	\$402,974,171

DISTRICT PRODUCTION BY YEARS

		<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>
AURUM (Silver Canyon, Ruby Hill, Schell Creek, Muncy)		1873.....	193	\$24,870
Silver, Lead, Copper, Gold, Manganese		1874.....	2,259	142,291
<i>Year</i>	<i>Tons</i>	<i>Gross yield</i>		
1873.....	98	\$3,554	13,821	217,624
1874.....	36	2,793	1,623	64,218
1878.....	55	5,277	803	39,322
1883.....	186	2,728	3,845	247,945
1885.....	11	1,006	18,345	480,915
1886.....	128	12,310	31,968	315,237
1887.....	89	8,500	8,079	328,305
1888.....	82	5,105	5,612	225,835
1889.....	118	5,706	3,024	145,395
1890.....	42	2,478	1887.....	4,354
1891.....	25	1,537	1888.....	70,625
1893.....	86	5,700	1889.....	56,251
1898.....	111	5,086	1890.....	6,847
1902.....	188	14,658	1891.....	2,065
1903.....	20	1,200	1892.....	36,356
1911.....	91	829	1893.....	72
1913.....	349	7,193	1894.....	45,283
1919.....	350	12,250	1895.....	47,215
1926.....	1,154	14,257	1896.....	14,400
1935.....	1,745	47,902	1897.....	58,285
1936.....	663	10,413	1898.....	15,355
1937.....	719	11,466	1899.....	21,581
			1900.....	32,293
			1901.....	11,634
			1902.....	19,035
			1903.....	512
			1904.....	3,897
BALD MOUNTAIN		1932.....	137	
Silver, Copper, Gold		1933.....	9,120	103,873
1896.....	34	\$2,663	1934.....	17,557
			1935.....	144,276
BLACK HORSE		1936.....	813	185,521
Gold, Silver		1937.....	10,791	118,326
1910.....	972	\$3,510	1938.....	15,293
1911.....	2,844	9,184	1939.....	147,463
1912.....	660	5,790	1940.....	91,978
			1941.....	
			1942.....	
			1943.....	
			1944.....	
			1945.....	
CHERRY CREEK		1946.....		
(Egan Canyon, Gold Canyon)		1947.....		
Gold, Silver, Copper, Lead		1948.....		
1865.....	400	\$29,358	1949.....	
1869.....	5,240	216,127	1950.....	
1870.....	2,373	80,412	1951.....	
1871.....	666	21,813	1952.....	
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			2259.....	

DISTRICT PRODUCTION BY YEARS—Continued

EAGLE (Regan, Tungstonia, Kern, Pleasant Valley)		Year	Tons	Gross yield
Lead, Silver, Gold, Copper, Tungsten		1921.....	452,311	\$1,958,128
Year	Tons	1922.....	540,143	2,948,403
1910.....	50	1923.....	2,651,047	8,981,557
1911.....	465	1924.....	3,512,656	11,267,895
1912.....	177	1925.....	4,269,848	11,537,340
1916.....	4,439	1926.....	3,776,773	12,420,450
1917.....	120	1927.....	4,656,889	15,198,492
		1928.....	5,091,359	22,198,435
		1929.....	6,196,544	22,795,718
	5,251	1930.....	3,973,873	11,494,933
		1931.....	2,864,803	6,217,753
ELY (Robinson)		1932.....	1,331,272	2,033,882
Copper, Gold, Silver, Lead,		1933.....	1,211,734	2,162,196
Zinc, Manganese		1934.....	1,833,858	3,369,239
1867.....	80	1935.....	2,950,636	7,224,585
1868.....	72	1936.....	4,577,926	13,188,006
1869.....	138	1937.....	5,528,178	15,333,826
1873.....	200	1938.....	4,000,852	10,168,145
1875.....	30	1939.....	4,832,131	12,351,674
1886.....	78	1940.....	8,786,152	22,489,737
1887.....	1,202	19,453		
1888.....	893	9,322	111,898,882	\$382,464,292
1889.....	1,700	25,480		
1890.....	1,016	14,672	GRANITE (Steptoe)	
1891.....	2,173	42,313	Gold, Silver, Lead,	
1892.....	1,128	16,774	1911.....	180 \$5,107
1893.....	107	2,072	1912.....	253 7,481
1895.....	195	3,955	1913.....	878 13,625
1896-97..	432	5,869	1914.....	223 3,579
1898.....	7,276	20,264	1915.....	45 3,073
1899.....	667	6,982	1916.....	68 4,982
1901.....	4	420	1924.....	69 2,207
1908.....	143,035	622,470	1925.....	35 3,114
1909.....	1,566,780	6,561,787	1938.....	308 7,346
1910.....	2,393,242	8,552,644	1939.....	143 4,592
1911.....	2,776,303	8,548,372		
1912.....	3,032,235	11,642,390	2,202	\$55,106
1913.....	3,475,074	11,024,415	HUNTER	
1914.....	2,754,931	7,236,051	Lead, Copper, Silver	
1915.....	3,202,244	11,960,497	1913.....	223 \$6,591
1916.....	4,316,352	25,150,122	1914.....	193 6,211
1917.....	4,472,225	24,982,487	1916.....	145 6,294
1918.....	4,461,282	24,592,922		
1919.....	3,539,431	15,724,174	561	\$19,096
1920.....	2,709,372	10,169,250		

DISTRICT PRODUCTION BY YEARS—*Continued*

MINERVA (Shoshone, Lexington)		Year	Tons	Gross yield
	Tungsten, Silver	1935.....	2,192	\$9,836
Year	Tons	Gross yield	1936.....	329
1916.....	31,358	\$7,651	1937.....	813
1937.....	6,400	158,916	1938.....	2,283
1938.....	22,383	208,829	1939.....	17,190
1939.....	19,662	147,448	1940.....	12,560
1940.....	14.614	1,196,090		
			35,606	\$683,140
	94,417	\$1,718,934		

NEWARK (Strawberry)

	NEWARK (Strawberry)		Silver, Gold
	Silver, Lead, Copper	Gold	
1867.....	70	\$8,572	1871..... 1,220 \$16,953
1868.....	770	75,847	1872..... 780 16,816
1869.....	218	16,295	1873..... 421 6,957
1870.....	177	7,009	1940..... 143 1,708
1871.....	170	30,262	2,564 \$41,424
1872.....	80	10,367	
1873.....	354	15,567	PINTO
1874.....	1,136	47,843	Silver, Lead, Gold, Copper
1875.....	97	11,554	1869..... 134 \$12,834
1876.....	48	5,512	1870..... 150 9,988
1877.....	22	2,686	1871..... 32 3,195
1883.....	1,935	39,247	1872..... 393 12,167
1885.....	230	24,248	1873..... 92 16,202
1886.....	201	28,161	1874..... 8 2,065
1887.....	771	36,024	1883..... 554 40,321
1888.....	329	3,411	
1889.....	710	12,037	1,363 \$96,772
1890.....	137	1,092	
1891.....	22	6,228	SACRAMENTO
1935.....	1,995	22,745	Gold, Silver
1936.....	617	12,284	1915..... 7,043 \$2,924
			1916..... 1,580 68,694
	10,089	\$416,991	8,623 \$71,618

OSCEOTLA

OCEANIA			
	Gold, Silver, Lead, Tungsten		
1878.....	7		\$266
1886.....	.....		1,854
1888.....	.....		10,000
1889.....	.....		8,566
1890.....	.....		16,191
1891.....	.....		20,223
1895.....	84		504
1921.....	28		1,666
1927.....	120		1,423

TAYLOR

	Silver, Gold, Copper, Lead
1883.....	1,875
1884.....	5,545
1885.....	8,935
1886.....	6,746
1887.....	6,644
1888.....	4,428
1889.....	999
1890.....	907
1891.....	1,277

DISTRICT PRODUCTION BY YEARS—Continued

TAYLOR—Continued		Year	Tons	Gross yield
Year	Tons			
1892.....	463	\$7,994	1879.....	5,645
1936.....	3,127	22,121	1880.....	5,775
1940.....	18,865	118,965	1881.....	912
			1882.....	990
			1883.....	1,654
	59,811	\$1,181,625	1884.....	8,763
TUNGSTEN (Hub, Lincoln)		1885.....	6,441	39,513
Tungsten, Silver		1886.....	2,782	89,079
1911.....	375	\$6,525	1887.....	2,410
1916.....	8,683	665,828	1888.....	2,000
			1889.....	1,011
	9,058	\$672,353	1890.....	601
WARD		1891.....	531	11,525
Silver, Lead, Copper		1893.....	614	14,257
1875.....	183	\$25,745	1895.....	873
1876.....	60	28,506	1896-97..	543
1877.....	2,467	193,792	1898.....	1,680
1878.....	2,206	133,693	1899.....	2,251
1879.....	4,233	110,992	1900.....	1,977
1880.....	4,017	42,031	1901.....	1,544
1886.....	181	4,344	1902.....	1,025
1890.....		9,660	1903.....	1,675
1917.....	3,064	52,055	1904.....	1,476
1935.....	5,022	35,096	1905.....	1,219
1936.....	1,534	20,509	1906.....	79
1937.....	1,890	15,945	1907.....	289
1939.....	1,619	12,981	1911.....	16
1940.....	1,641	9,682	1912.....	40
			1913.....	91
	28,117	\$695,031	1914.....	360
WHITE PINE (Hamilton)		1915.....	52	3,120
Lead, Silver, Copper, Gold, Zinc		1916.....	206	15,002
1866.....	632	\$619,948	1917.....	103,518
1867.....	1,070	241,715	1918.....	28
1868.....	2,206	895,643	1920.....	730
1869.....	22,889	1,582,583	1926.....	4,912
1870.....	33,014	2,137,801	1927.....	1,206
1871.....	34,091	1,147,089	1928.....	70
1872.....	18,897	667,290	1935.....	20
1873.....	12,391	423,959	1937.....	6,770
1874.....	11,548	447,142	1938.....	2,820
1875.....	9,693	651,108	1939.....	1,198
1876.....	638	38,268	1940.....	1,150
1877.....	5,076	169,178		335,772
1878.....	5,680	100,111		\$10,675,388

DISTRICT PRODUCTION BY YEARS—Continued

Year	UNKNOWN Tons	Gross yield	Year	Tons	Gross yield
1935.....	318	\$3,243	1940.....	584	\$12,009
1936.....	3,896	33,420		4,798	\$48,672

PRODUCTION OF PROPERTIES REPORTING A TOTAL
OF \$5,000 OR MORE BY DISTRICTS

AURUM (Silver Canyon, Ruby Hill, Schell Creek, Muney)—	Period	Tons	Gross yield
Acme Consolidated Manganese.....	1919–1926	1,504	\$26,507
Black Eagle.....	1902	188	14,658
Gold Crown.....	1898	111	5,086
Grand Deposit.....	1937	719	11,466
Grizzly	1893	86	5,700
Lookout	1873–1878	57	5,627
Rescue	1885–1899	247	24,599
Siegel Consolidated Mines.....	1903–1935	3,127	69,781
BLACK HORSE—			
Amalgamated Nevada Mines Co....	1910–1912	5,476	18,484
CHERRY CREEK (Egan Canyon, Gold Canyon)—			
Chance	1873–1874	222	16,124
Cherry Creek Mines Company.....	1918	307	7,243
Chloride Flat.....	1869–1871	9,279	318,352
Egan Leasing Company.....	1939–1940	2,014	27,385
Egan Mine	1935–1936	7,779	81,387
Exchange	1883	857	10,531
Exchequer	1873–1887	19,454	599,710
Geneva Consolidated.....	1874	103	11,500
Glasgow & Western.....	1909–1910	13,092	40,896
Morning Star	1888	794	26,196
Nevada Standard.....	1935–1940	67,436	563,936
Nevada Star	1914	2,382	14,182
North Mountain.....	1898	3,120	13,227
Rescue	1874–1876	514	73,858
San Jose.....	1874–1875	2,839	35,290
Social Gold & Silver Mining Co....	1865	400	29,358
Star	1874–1910	42,967	1,277,198
Teacup	1874–1878	11,066	434,326
United Imperial.....	1922–1923	815	25,456
DUCK CREEK (Success)—			
McGill Mining Company.....	1927–1929	270	13,923
Success Mining Company.....	1909–1910	486	9,498
EAGLE (Regan, Tungstonia, Kern, Pleasant Valley)—			
Red Hills.....	1911–1912	.....	21,185
Tungstonia Mining & Milling Co... <td>1916–1918</td> <td>5,084</td> <td>63,659</td>	1916–1918	5,084	63,659

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
ELY (Robinson)—			
Aultman	1887–1888	2,031	\$7,989
Boston & Ely.....	1922–1926	9,483	107,966
Chainman	1890–1940	51,580	326,500
Consolidated Coppermines Corp... 1910–1940	14,048,349	48,243,879	
Cumberland Ely Copper Co..... 1909–1910	122,245	853,302	
Ely Combined Metals..... 1940	1,910	14,438	
Ely Gold Mining Company..... 1933–1940	182,105	1,222,399	
Exchequer L. & M. Co..... 1919–1921	219	9,021	
Fisher & Negro Lease..... 1918	99	6,277	
Foreman, Ryan & Baird..... 1919–1920	2,799	95,529	
Foreman & Stankovich..... 1918–1919	1,761	104,103	
Giroux Consolidated Mining Co.... 1912–1916	945,203	2,510,560	
Golden Fleece..... 1918	223	5,285	
Hayes Mine..... 1937–1938	2,921	45,726	
Hayes & Rabbit..... 1936	1,819	21,949	
Joana	1889–1901	2,067	20,329
Keystone	1867–1889	1,138	212,701
Luther Clara..... 1938–1940	5,173	80,802	
Nevada Consolidated Copper Co... 1908–1940	92,854,980	316,830,015	
Nevada United..... 1919–1924	19,745	335,311	
Paine, D. F..... 1935–1940	6,270	89,725	
Silver Age..... 1926–1928	2,350	65,001	
Smith Lease..... 1918	223	5,285	
Troester Lease..... 1934–1936	2,408	58,114	
White	1934	2,643	21,897
Witcher, A. B..... 1918	305	8,598	
GRANITE (Steptoe)—			
Campbell	1911–1913	927	9,247
Cuba	1911–1939	569	28,214
HUNTER—			
Vulcan Mining, Smelting & Refining Co..... 1913–1916	561	19,906	
MINERVA (Shoshone, Lexington)—			
Nevada Scheelite Company..... 1916	.....	7,651	
Tungsten Metals Corporation..... 1937–1940	63,014	1,710,051	
NEWARK (Strawberry)—			
Battery	1872–1877	1,872	43,955
Bay State..... 1885–1936	4,980	134,026	
Centenary Silver Mining Co..... 1867–1868	817	82,097	
Chihuahua	1869–1874	1,334	34,016
Trench	1869–1876	452	69,974
OSCEOLA—			
Gilded Age..... 1936–1940	17,882	465,747	
Mattice, Louis..... 1939–1940	1,271	8,582	
Minerva Tungsten Company..... 1939	9,570	55,377	

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Nevada Tex Mining Co.....	1935	2,192	\$9,836
Osceola Gravel Mine.....	1886–1891	.....	60,888
Placer Recovery Company.....	1927–1938	.....	21,711
PIERMONT—			
Piermont Mine.....	1870–1873	2,426	40,355
PINTO—			
Alturas	1869–1874	60	7,287
Autum No. 2.....	1911	226	9,393
Maryland	1870–1874	569	39,357
Pinto Silver Mining Co.....	1869–1872	441	25,284
SACRAMENTO—			
Doyle Mining Company.....	1915–1916	8,623	71,618
TAYLOR—			
Argus	1887–1888	10,515	230,314
Ely Gold Mining Company.....	1940	14,283	86,887
Monitor Mining and Milling Co....	1884–1892	20,580	469,204
Oxborrow & McKenzie.....	1936–1940	3,201	23,741
Sunrise	1884–1887	10,219	357,646
TUNGSTEN—			
U. S. Tungsten Corporation.....	1911–1916	9,058	672,353
WARD—			
Berger-Platt	1917	1,000	12,000
Fay, Sheldon.....	1935	5,022	35,096
Hogan & Siri.....	1939–1940	2,542	17,641
Martin White Mine.....	1886–1890	181	14,004
Nevada United.....	1917–1918	12,694	194,298
Paymaster	1875–1878	5,058	397,646
WHITE PINE—			
Aurora	1867–1869	49,913	2,520,430
Banner State.....	1869–1872	235	10,680
Bourbon	1870–1871	229	6,952
Burning Moscow.....	1870	132	11,972
Caroline	1870–1875	180	23,702
Cornell	1887–1900	123	5,519
Eberhardt	1866–1878	165,037	4,648,746
Eclipse Ledge.....	1867–1870	106	12,518
Edgar	1886	475	17,003
Ely Gold Mining Company.....	1937–1940	7,390	53,051
Empire	1869–1872	99	9,606
Fay	1870–1893	287	15,857
Francis Cutting Company.....	1917	128	11,539
Genessee Ledge.....	1866–1873	1,151	37,761
Grand Prize.....	1913	91	8,591
Hamilton Power Mining & Transportation Co.....	1914	175	6,619

Nevada's Metal and Mineral Production

SUMMARY OF NEVADA PRODUCTION OF GOLD, SILVER, COPPER, LEAD, AND ZINC FOR THE YEARS 1903-1940, INCLUSIVE

Compiled from "Mineral Resources" Volumes of the U. S. Geological Survey.

YEAR	TOTAL VALUE	GOLD		SILVER		COPPER		LEAD		ZINC	
		OUNCES	VALUE	OUNCES	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
1903.....	\$5,327,927	148,541.36	\$3,070,350	3,923,373	\$2,098,912	51,366	\$6,779	3,581,024	\$151,886		
1904.....	7,658,216	244,823.25	5,060,494	4,264,959	2,432,830	29,317	3,115	3,818,206	161,777	697,757	\$41,168
1905.....	9,453,114	254,927.51	5,269,819	6,482,081	3,915,177	413,235	64,465	3,457,124	162,485	2,886,328	176,066
1906.....	15,714,841	506,520.31	10,470,704	6,770,611	4,536,310	1,625,985	313,815	3,823,617	217,945	2,168,783	127,958
1907.....	17,591,486	585,311.14	12,099,455	7,083,603	4,675,178	1,782,571	356,514	6,271,341	332,381	2,013,352	52,445
1908.....	18,818,228	549,682.27	11,362,941	9,508,464	5,039,486	15,598,788	2,059,040	7,245,619	304,316	1,115,851	162,721
1909.....	30,072,932	785,608.21	16,239,963	10,981,061	5,710,152	57,976,477	7,536,942	9,840,791	423,154	2,707,071	146,182
1910.....	34,152,148	913,265.05	18,878,864	12,479,871	6,739,130	64,359,398	8,173,643	4,871,130	214,329	3,548,032	202,238
1911.....	33,952,529	880,105.58	18,193,407	13,184,601	6,987,839	67,377,518	8,422,190	3,263,657	146,865	13,322,988	919,286
1912.....	38,358,732	650,942.71	13,456,180	14,369,063	8,836,974	86,477,494	14,268,787	19,500,100	877,505	14,419,671	807,502
1913.....	37,097,710	570,589.41	11,795,130	16,090,083	9,718,410	90,698,751	14,057,531	16,344,023	719,137	12,980,232	661,992
1914.....	29,300,842	555,402.47	11,481,188	15,455,491	8,546,887	60,986,450	8,111,198	12,809,655	499,577	24,376,450	3,022,680
1915.....	34,551,436	551,683.01	11,404,300	14,459,840	7,331,139	68,636,370	12,011,365	16,637,277	781,952	1,768,972	32,448,189
1916.....	49,946,424	428,904.21	8,816,237	13,837,525	9,105,092	105,116,813	25,858,736	25,637,278	2,380,302	22,307,868	2,275,402
1917.....	54,424,580	336,664.26	6,959,468	11,269,969	9,286,454	122,794,704	33,522,954	27,677,928			
1918.....	48,528,124	320,239.45	6,619,937	10,000,599	10,000,599	116,316,441	28,730,161	23,316,534	1,655,474	16,724,753	1,521,953
1919.....	23,433,171	219,695.16	4,541,502	6,863,580	7,687,210	52,331,175	9,733,599	15,349,370	813,517	9,004,698	657,343
1920.....	23,879,512	172,540.46	3,566,728	7,745,093	8,442,151	50,559,763	9,302,996	21,263,700	1,701,096	10,698,040	866,541
1921.....	12,137,536	160,254.62	3,312,757	7,083,782	7,083,782	10,961,491	1,414,032	7,188,768	323,495	69,397	3,470
1922.....	15,705,609	159,510.95	3,297,384	8,619,587	8,619,587	23,133,091	3,122,967	9,389,182	516,405	2,618,710	149,266
1923.....	25,040,349	204,292.89	4,223,109	10,614,564	8,703,942	67,204,282	9,879,029	18,156,337	1,270,944	14,166,550	963,325
1924.....	22,799,799	217,962.56	4,505,686	9,411,379	6,305,624	73,805,323	9,668,497	20,060,041	1,604,803	11,002,910	715,189
1925.....	23,309,352	187,104.72	3,867,798	7,096,618	4,925,053	79,300,224	11,260,632	24,476,452	2,129,451	14,821,293	1,126,418
1926.....	24,549,991	175,381.68	3,625,461	6,518,983	4,067,845	101,827,937	14,255,911	22,367,965	1,789,437	10,817,833	811,337
1927.....	23,322,589	150,346.16	3,107,931	5,397,179	3,060,200	120,259,276	15,753,965	15,784,818	994,444	6,344,523	406,049
1928.....	31,033,776	175,157.79	3,620,833	5,481,574	3,206,721	158,876,883	22,878,271	15,747,444	913,352	6,796,713	414,599
1929.....	33,030,237	163,711.22	3,384,211	4,923,526	2,624,239	140,138,809	24,664,430	19,692,568	1,240,632	16,920,083	1,116,725
1930.....	21,455,517	149,064.47	3,081,436	4,219,832	1,624,635	109,203,512	14,196,457	23,058,381	1,152,919	29,168,117	1,400,070
1931.....	11,673,787	142,293.76	2,941,473	2,562,071	743,001	72,634,497	6,609,739	15,860,634	586,843	20,861,348	792,731
1932.....	5,067,171	129,719.83	2,681,547	1,304,365	367,831	31,487,606	1,983,719	880,986	26,430	254,795	7,644
1933.....	4,970,374	98,590.28	2,038,042	1,148,621	402,017	28,489,610	1,823,335	4,606,732	170,449	12,774,550	536,531
1934.....	12,359,826	144,275.17	5,042,417	3,057,114	1,976,316	41,611,119	3,328,890	21,981,874	813,329	27,880,790	1,198,874
1935.....	18,284,186	188,081.00	6,581,085	4,393,426	3,157,775	74,266,000	6,164,078	25,352,000	1,014,080	31,072,000	1,367,168
1936.....	29,289,993	286,370.00	10,022,950	5,068,786	3,925,775	141,392,000	13,008,064	21,424,000	985,504	26,954,000	1,347,700
1937.....	34,617,056	281,332.00	9,846,620	4,864,750	3,762,884	149,206,000	18,053,926	18,694,000	1,102,946	28,472,000	1,850,680
1938.....	23,529,064	296,484.00	10,375,190	4,355,471	2,815,658	92,338,000	9,049,124	9,358,000	430,468	17,888,000	858,624
1939.....	30,480,870	361,518.00	12,653,130	4,316,029	2,929,668	133,194,000	13,852,176	8,472,000	398,184	12,456,000	647,712
1940.....	37,089,777	383,933.00	13,437,655	5,175,928	3,680,660	156,908,000	17,730,604	14,998,000	749,900	23,666,000	1,490,958
Total.....	\$952,008,810	12,730,729	\$290,983,372	290,383,452	\$195,073,143	2,769,365,276	\$401,231,676	542,258,556	\$31,526,685	487,420,675	\$33,193,934

SUMMARY OF NEVADA PRODUCTION OF GOLD, SILVER, COPPER, LEAD, AND ZINC BY COUNTIES, YEARS 1903-1940, INCLUSIVE

Compiled from "Mineral Resources" Volumes of the U. S. Geological Survey
By BERTRAND F. COUCH, Secretary, Nevada State Bureau of Mines.

COUNTIES	TOTAL VALUE	GOLD		SILVER		COPPER		LEAD		ZINC	
		OUNCES	VALUE	OUNCES	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
Churchill.....	\$11,566,469	140,500	\$3,213,460	12,407,724	\$8,150,382	66,203	\$11,615	2,715,457	\$191,012		
Clark.....	32,714,450	253,613	6,844,218	3,833,625	2,837,904	4,369,604	854,344	85,559,808	5,446,248	192,020,907	\$16,731,736
Douglas.....	153,307	3,604	101,579	40,056	23,510	172,128	23,802	73,854	4,416		
Elko.....	34,713,031	552,344	12,033,720	6,306,924	4,246,867	142,763,322	15,736,897	38,112,218	2,376,047	3,210,048	319,500
Esmeralda.....	116,758,697	4,863,958	104,878,853	15,394,927	9,903,858	8,357,549	1,579,715	7,346,370	391,659	42,550	4,612
Eureka.....	11,133,144	185,044	4,541,013	5,193,363	3,266,066	2,244,309	353,116	46,747,328	2,955,020	181,381	17,929
Humboldt.....	18,563,630	540,042	13,799,502	6,309,549	4,318,792	1,406,996	322,074	1,945,122	121,361	31,994	1,901
Lander.....	14,054,587	167,658	4,428,722	8,649,914	5,775,638	19,995,555	3,404,354	7,032,401	442,571	53,288	3,302
Lincoln.....	50,434,982	403,009	9,131,930	17,127,046	11,623,291	21,651,863	3,148,729	230,525,318	12,903,438	245,071,566	13,627,594
Lyon.....	28,573,263	204,057	5,561,310	1,492,925	1,063,009	115,855,529	21,945,751	57,786	3,193		
Mineral.....	13,159,075	248,039	5,561,960	5,415,048	3,833,236	11,391,536	2,659,928	11,815,123	770,442	4,995,697	333,509
Nye.....	183,263,568	2,849,397	62,819,143	174,530,306	115,892,330	383,176	46,590	60,164,312	2,865,967	34,853,177	1,639,538
Ormsby.....	81,080	2,531	55,198	34,865	22,216	17,589	2,914	11,600	752		
Pershing.....	8,111,933	125,980	3,364,675	5,105,121	4,589,784	375,231	57,901	1,637,639	98,741	16,000	832
Storey.....	35,033,246	951,343	22,776,688	17,906,190	12,243,654	76,632	10,385	50,776	2,519		
Washoe.....	2,772,015	42,254	983,710	1,596,							

PROPERTIES REPORTING PRODUCTION OF \$5,000 OR MORE—Continued

	Period	Tons	Gross yield
Hawkins, W. E.....	1837-1940	4,450	\$13,783
Hemlock	1869-1871	386	12,532
Hidden Treasure.....	1869-1911	15,498	96,913
Homestake	1895-1900	4,117	162,228
Huntington	1890-1891	590	29,562
Iceberg	1869-1873	2,297	99,870
Industry	1865-1873	175	26,101
Jennie A.....	1917	135	12,965
Last Chance.....	1868	31	8,170
McEllen Mine.....	1927-1928	172	22,350
Manhattan Mill.....	1870-1885	307	58,898
Non Plus Ultra.....	1903-1905	1,040	33,877
O. H. Treasure.....	1869-1873	20,931	701,335
Post Hole.....	1869	1,484	62,917
Robert Emmet.....	1868	158	82,741
Rocco	1887-1893	576	12,652
Rocco Homestake.....	1899-1905	7,014	336,039
Rome	1890	277	6,550
Romulous	1867-1869	19	5,724
Santarita	1866	32	6,795
Seamore	1866	9	5,106
Seymour No. 2.....	1869-1870	191	29,511
Sheba Mill.....	1871	-----	7,849
Silver Plate.....	1870-1876	590	26,482
Snowdrop	1866-1870	302	16,669
Stafford	1875-1887	2,674	79,027
Stonewall	1866	109	39,242
Summit & Nevada.....	1869-1871	4,264	175,655
Tonopah Development Co.....	1926	3,588	63,697
Treasure Hill Mining & Smelting Company	1871	2,248	22,890
Truckee	1869-1876	227	24,156
Virginia	1869-1871	393	23,936
Wabash	1870-1871	480	12,760
Ward Beecher.....	1870-1876	12,674	410,889
Ward Leasing Company.....	1920-1924	11,268	175,161
Young Treasure.....	1887-1926	4,147	190,428
UNKNOWN—			
Donner & Murphy.....	1935-1937	-----	5,140
Pombo, Louis.....	1935-1937	2,587	15,569
Westvaco Chlorine Producers.....	1940	584	12,009

MINE TAXATION IN NEVADA*

By

JAY A. CARPENTER, *Director*

NEVADA STATE BUREAU OF MINES and MACKAY SCHOOL OF MINES

To provide against unequal taxation of private property provision is made in most State constitutions for a uniform and equal rate of assessment and taxation. This is very easy to prescribe but very difficult to carry out.

In the first place, there is a wide variation in the opinions of men as to the comparative valuation of property. On farm and range land a fair idea at least can be formed of its value by what it will produce or raise, or what it will sell for. Likewise, on surface improvements the original cost gives a basis for future valuation. In contrast, subsurface mineral resources that are generally of an unknown quantity and value present a puzzling problem in valuation.

In the second place, there is the question in taxation of self-interest and integrity as to relative valuation of the property of different persons, localities or industries such as private versus corporation holdings, farm versus city property, and the stock-raising industry versus mining or farming.

The relative outcome depends upon the fairness of the laws governing taxation, and upon the ability and integrity of those making the valuations and the varying assessment rates.

To understand the reasons for the present system of mine taxation in Nevada, a knowledge of the past history of taxation in the State is necessary. This history is probably a close analogy to the taxation battles in other mining States and therefore valuable for comparison.

Taxation of mines began in Nevada in Territory days and its history is as follows:

1861—The first Territorial Legislature placed no tax on placer or lode mines thus following the first California law. The justification was based on the uncertainty of the value or life of placer, and this was extended to cover lode mines.

1862—The second Legislature placed a tax on gross production because of a need of revenue, but it was difficult to collect.

1864—The third Legislature provided that mines be taxed as

*Based upon an address given before the Mining Committee, Los Angeles Chamber of Commerce, April 8, 1941.

other property on valuation, but this had its inherent difficulties.

1863—The first Constitutional Convention provided in the proposed constitution for taxation of mines on valuation basis. This constitution was defeated by the mining interests. Their leading attorney Wm. M. Stewart, the future senator, argued that few mines found profitable ore, and it was not fair to value a mine on the capital spent in underground work, or on the sale value of the stock that represented mainly future hopes instead of proven ore.

1864—The second Constitutional Convention adopted the same constitution except the taxation section, which provided that taxation was to be based on valuation, “except mines and mining claims, the *proceeds* of which alone shall be taxed.” It was not specifically stated that the rate of taxation on “proceeds” should be the same as on other property or that “proceeds” should be taxable for all the same purposes. It was understood that surface improvements on mining claims should be taxed the same as other property, but “proceeds” as the basis on which subsurface values were to be taxed was not defined as either gross or net. These omissions led to years of bitter controversy and political strife.

October 31, 1864—Nevada was admitted to the Union, with this ambiguous constitutional taxation provision.

1865—The first State Legislature was favorable to mining and defined “proceeds” as three fourths of the result of bullion return per ton less an \$18 treatment charge, or less \$40 if a roasting process. Also, it set a lower tax rate on “proceeds” than on property and freed “proceeds” from city and school taxes.

1867—The Supreme Court declared this three fourths provision illegal.

1867—The second State Legislature kept the \$18 deduction, but reduced the Storey County proceeds tax to 25 cents a \$100, with the balance of the counties left at 50 cents. The assessing of mine plants, and the approving of “proceeds” statements were placed solely in the hands of the county assessors with the question of equal justice being meted out to all concerned.

The law of 1865 was on neither a “gross” or “net” proceeds as it allowed a deduction for milling but not for mining costs; neither did it recognize great differences in milling and mining costs.

1871—A new law allowed deduction from the proceeds of mines of “such an amount as to extract the ore and convert to bullion,” and this net proceeds was to be assessed for purpose of

taxation for State and county purposes only. However, this law also provided for an allowable maximum deduction per ton of up to 90 percent on \$12 ore (as bullion) leaving a net of only \$1.20, and up to 50 percent on \$100 ore, leaving a net of \$50. Yet on \$100 ore some companies paid \$75 in dividends! These maximum deductions were soon interpreted by companies and assessors as the allowable deductions in all cases. The provision of the 25 cent tax rate limit in Storey County was maintained in taxing "proceeds" compared with \$1.50 on property.

Storey County in 1870 voted \$300,000 in bonds for the Virginia and Truckee Railway payable by a 50 cent tax rate, but not to apply on "proceeds."

Evidently the mining industry was both dictating and interpreting the taxation laws; however, in 1875 the Legislature repealed the 25-cent limit in Storey County raising it to \$1 as in other counties, and there was a court attack on the freedom of "proceeds" from bond, city, and school taxes. This attack was not successful, but the court ruled there should be a uniformity of rate on proceeds and private property. Thus the day of mining domination over taxation with preferential taxation was beginning to wane. The "Big Bonanza" crowd with a \$16,000,000 production both in 1875 and 1876 took the law and court decisions to the U. S. Supreme Court where final decision resulted in the collection of \$290,000 in back taxes and \$77,000 in penalties.

1885—A new law repealed the maximum cost exemptions per ton and net proceeds were defined at "gross returns less cost of mining, transportation, and reduction." However, county assessors were still to be responsible for the assessment and collection of the "proceeds" tax.

1906—A constitutional change made patent mining claims subject to taxation at not less than \$500 each, unless \$100 worth of work was performed on the claim during the year. This change added a tax on surface acreage values in addition to that of the proceeds tax on subsurface values.

With the revival of mining following 1900, there was much inequality in taxation by 1913. Mines organized separate milling companies with the major profit to the mill, thus avoiding much of the former net proceeds tax on mines. On personal property there was a great variation in assessed value by counties between various kinds of property, and in general a marked under-valuation.

Therefore, in 1913 the Nevada Tax Commission was created to study the problems of taxation, and the commission was given power over county budgets and tax rates. It was also given the

power to determine the net proceeds of mines which was thus taken out of the county assessors' hands.

1927—The Legislature passed "An Act Relating to Net Proceeds of Mines," which has been subsequently amended in 1929, 1937, and 1939. Under this Act at present all producers must file semi-annual statements with the Tax Commission in January and July, giving tons treated, gross recovery per ton, and total gross recovery. The allowable deductions listed to determine the net proceeds are the costs of mining, transportation, milling, marketing, maintenance and repairs, fire insurance, industrial and social insurance, and development work, and "shall not include salaries not connected with the actual operation, or earned outside of Nevada." No depletion is allowed and depreciation is set at 6 to 10 percent of the assessed valuation of plant and improvements.

The Tax Commission certifies to the county assessors the amount of the net proceeds and the tax rate of the district in which the mine is located. A copy goes to the mine operator. The penalty for not filing is \$100 to \$3,000, and the Tax Commission can then make out and certify a net proceeds statement on its own authority. The tax is payable semiannually.

As the Nevada law stands now, an operating mine is taxed first, on improvements as valued by the county assessor; second, \$500 per patented claim, being a surface tax; and third, a sub-surface tax based on net proceeds as valued by the Tax Commission. The third is a way of placing a value on the mine for yearly taxation at local rates based on its earnings or profit for that year. It is not a corporation income tax with a uniform rate over the State. This tax on net proceeds is also often incorrectly called a "bullion tax." It is not, however, a tax on gross production or a "severance" tax.

The advantage of this net proceeds tax is that it obviates the problem of trying to place a value on the mine and it allows the mine to pay according to its ability, being similar in this respect to an income tax. The disadvantage is that in certain communities entirely dependent on mines for tax income, the net proceeds tax results in a very variable income for operating the schools or town government.

Nevada has no gross proceeds or severance tax and none has been proposed. There is no license fee required to operate a mine or any sales tax on its production. No radical tax measures, or no new forms of taxation have been proposed in recent legislatures. The State as a whole appears to be well-satisfied with its tax structure.

To better understand and appreciate the laws governing the

taxation of mines in Nevada, a knowledge of mine taxation in other States is quite essential. The following data has been collected by correspondence with State and mining officials and is hereby gratefully acknowledged.

In practically all States surface improvements are valued by county assessors or a tax commission and taxed at the prevailing rate in the district in which the mine is located. In certain States the law provides the assessed value shall be the full value of the property. Even in this case the law is interpreted very liberally. In Montana the law specifies that the tax rate shall be applied to 30 percent of the assessed value.

In contrast to Nevada's tax valuation of \$500 per patented claim, no matter what its size, the Idaho, Montana, and Utah valuation is at \$5 an acre. This is equal to the price paid to the U. S. Government for the land.

In Nevada and most of the Western States unpatented claims are not assessed. Certain counties in California do assess them on the basis that the owner has a temporary title with the right to deed the land.

The subsurface value of a mining claim whether patented or unpatented is placed on the regular tax roll of the district in Nevada by assessing it at a sum equal to the net proceeds realized from the claim for the year. This is true in general also of Idaho, Montana and New Mexico, while in Utah the valuation is set at twice the net proceeds. Colorado specifies that the net must exceed 25 percent of the gross or the latter figure is to be used. The Arizona tax commission uses rather a complex formula involving both gross and net proceeds with the net being an average over a period of years in order to avoid rapid fluctuations of assessed value.

Each State has its own definition of net proceeds as to the allowable deductions, and these vary to a considerable extent. For illustration, Idaho does not allow depreciation, but deduction is allowed for plant additions or betterment.

California still continues its original procedure of the county assessor attempting to place a value on the subsurface mineral resources in the same way as he does on the surface improvements. Considering the assessors usual lack of training in mining engineering and economics, this valuation is very erratic and may be much influenced by local conditions.

Michigan for a long period had the valuation of mines set by a board of mining engineers. New Mexico had such a valuation made.

Nevada has no specifically fixed State-wide tax rate on the

gross production of mines commonly called a gross production tax, or a severance tax on natural resources. In most all cases of such a tax, deductions are allowed from the gross production and thus the tax in reality becomes one of a fixed rate over the State on a partial net proceeds.

The severance tax in Idaho is 3 percent of the gross production less mining costs, while in Utah, in contrast, it is 1 percent of the gross less transportation, milling, and smelting.

In New Mexico it is one eighth of 1 percent on the gross metal production, while in Montana it is on the gross smelter return, but up to \$100,000 the tax is but \$1 total, over this it starts at one fourth of 1 percent, and in the last bracket of over \$500,000 it is 1 percent.

California and Arizona have no severance tax. Neither did South Dakota until the depression of the early '30's came along in that agricultural State with the Homestake mine in contrast prospering under \$35 an ounce for gold. The tax placed on gross production, applying after the first 50,000 tons for a mine, was set first in 1935 at 4 percent then raised to 6 percent and the 1943 legislature recently refused to lower this rate.

New Mexico also has a "privilege" tax for school purposes on the gross sales of natural resources products, being one fourth of 1 percent on the metals. Arizona's sales tax law provides for a 1 percent tax on the gross sales of copper. Utah and California sales tax also applies to base metal production.

Several States have a corporation income tax law patterned after the national one that thus includes mining corporations often already subject to a mining net proceeds tax. Arizona and Idaho have such a law and in addition Idaho has a corporation license tax based on capitalization. California has a general franchise tax of 4 percent of the net profit of business in the State, with an offset up to 75 percent by deduction for real estate and personal taxes paid in the State. California also has a personal income tax law patterned after the national law. Both of these affect the profits from mining.

The trend today is towards a net proceeds tax, a gross output tax, and to both a State corporation and individual income tax.

On the other hand, Nevada encourages the growth of the mining industry, along with other industries, by a minimum of taxation laws, having no sales tax, or severance tax, or inheritance tax, or corporation or individual income tax. Paradoxically as it may appear, the State debt and the State taxation rate have decreased in the last decade!

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