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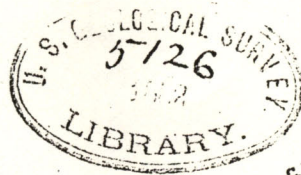
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1871-78

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ITEM 27



BIENNIAL REPORT

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Nevada

OF THE

STATE MINERALOGIST

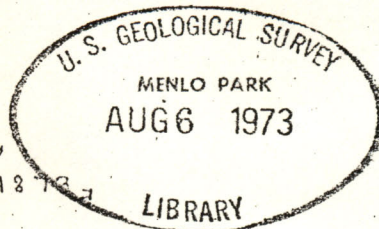
OF THE

STATE OF NEVADA,

FOR

THE YEARS 1871 AND 1872.

to 1878



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supply of wood in the vicinity, which can easily be obtained, but there is no water nearer than Ticapoo Springs, seven miles. A number of locations have been made, of which seven or eight show large bodies of ore. Some work has been done on the Silver Peak, Kingston, Balbeck, Kinsey, Rattler, Wyandotte, Inca, and Santa Cruz. The Kinsey claims one thousand three hundred feet. Course, north and south; dip, east, sixty-five degrees. The country rock is limestone. An open cut has been made on the vein seventy-five feet. The ledge is ten feet wide and shows a great amount of ore, which it is estimated will work one hundred dollars per ton.

WARD DISTRICT

Was discovered on March eighth, eighteen hundred and seventy-two, by Thomas F. Ward and others. It is a little east of south from Mineral City and fifteen miles distant. It is about fifty miles from Hamilton. There is an abundance of wood, though little water. A good supply can be obtained, however, at a distance of five miles south, at Willow Creek. The geological formations here are quartzite and limestone; the mineral-bearing lodes occur in the limestone. Sixteen locations have been made here. Croppings can be traced in all the locations from four hundred to one thousand feet. It runs north and south, and dips to the east.

SPALDING'S SALT MARSH

Is situated in Smokey Valley, two miles from the line, between Lander and Nye Counties. It is thirty-two miles from Austin, and fifty from Belmont. The mud flat from which the salt is obtained is one half mile square, though it is only produced on an area of about one hundred acres in sufficient quantities and pure enough to be profitable to gather. This portion of the flat is rolled early in the Spring—after the waters which cover it during the Winter have subsided—with wooden rollers of about forty pounds weight. In May an efflorescence of salt begins to appear, and soon a crystallized incrustation, one half inch in thickness, covers it. This is scraped into heaps of from seventy-five to one hundred pounds, with wooden hoes. It needs no further preparation to fit it for market. An incrustation of about the same thickness gathers here every two weeks during the warm dry weather, from the month of May to the first of October. Ten crops are gathered yearly, yielding about two thousand tons. Salt has been obtained from this marsh in this manner for the past seven years. Water is found at a depth of from one to two feet, in all parts of this flat. Near its center there is a spring of pure fresh water. As soon as the first cold wet weather sets in, the salt all disappears from the surface. All the salt obtained here finds ready sale at Belmont, Austin, and Ophir Cañon, where it is used in the mills for the purpose of chloridizing their ores. The Manhattan Mill alone, consumes eight hundred tons per year. The salt is worth at the marsh twenty dollars per ton, and in Austin, thirty-five dollars per ton.

MILLS.

Name.	Location.	Furnace.
Ellsworth.....	Ellsworth.....	1 Stetefeldt..
Pioneer.....	Ione.....
Utica & Herkimer..	Washington...
Murphy.....	Twin River....	White.....
Rigby.....	San Antonio...
Montezuma.....	Montezuma ...	3 Reverberat
Combination.....	Belmont.....	10 Reverberat
Monitor.....	Belmont.....	1 Stetefeldt..
El Dorado.....	Belmont.....	1 Stetefeldt..

ORMSBY COUNTY.

This county occupies the western central portion of California. Its area is small; but a small portion is devoted to purposes of agriculture; it is devoid of product to the advantages of its central position, its ample extensive wood lands, important industries have been developed, which render its population among the most comfortable in Nevada. A large proportion of the inhabitants are engaged in lumbering, and cutting wood. The industry of the county has been greatly restricted within the last four years by the construction of the Virginia and Truckee Railroad, from Carson City to Reno. The great benefit to the western portion of the county from this means of transportation, in taking the place of the mule and stage, and the early days of Washoe, when we consider the obstacles opposed to transportation, the nature of the country—three fourths of the county covered with mountains, the worst of which lie up the Virginia and Truckee Railroad, between Carson City and Reno, of the general business of this institution may be considered, the fact that during the year ending the thirty-first of December, eighteen hundred and seventy-two, the following statistics were reported:

ARTICLES.

Lumber, feet.....
Wood, cords.....
Ore, tons.....