

Notes From Utah Territory. No. 3.

Having thus far shown to the farmers of the West that this once desolate sage-brush Territory has, within a quarter of a century, been made the home of 150,000 people; that its products last year were about ten million of dollars; that large exports of wheat and flour were made from here; let us, ere we proceed to the religious controversy and the political harassment and vexation waged against this people for the last five years, look at some other statistics in which Chicago and all your readers have a direct interest.

Among the extraordinary developments of Utah, are mountains of iron, covering whole districts or counties, nearly pure, yielding at least seventy per cent. of metal, lying in close proximity to a vein of canal coal, as pure carbon as that which comes from the Cardiff mines in Wales, and from which coke of the best quality may be made. Now, all the coke used in our mines comes from Pittsburgh, costing four cents per bushel there, and twenty-six delivered here, over the Union Pacific Railroad, made by the money of this entire nation.

Hematite iron, and various other kinds, magnetic and specular ores, crop out hundreds of feet high and their quality and fibre are the very best. The following extract from the report of the Baldwin Exploring Expedition is perfectly reliable, and may be read with confidence of its truth:

Utah's great wealth lies, not in its hundreds of valuable gold and silver ledges, but in its iron and coal fields. The seemingly fabulous stories of the immense iron deposits in Southern Utah but told part of the truth. The Baldwin expedition, on reaching the iron fields, crossed the Wah Wah and Pinon ranges of mountains, which they found covered with the finest pine and cedar timber, sufficient for the requirements of the country in that vicinity for years to come. The surface of those mountains indicates no mineral; but Nature has made up for the absence of the precious metals by giving to that section what is more useful to mankind—timber and good grazing. Pinto Iron Mining District, in which is the famous Iron mountain, is one vast extent of rich magnetic and hematite iron ores. The ledges crop out of the earth in places hundreds of feet high, and appear on the surface for eight hundred or a thousand feet, inviting capitalists to double and treble their fortunes with scarcely a possible risk of losing a cent. But a few miles distant are immense beds of coal with which to melt out this huge body of material wealth.

"I was surprised, beyond what I am able to express, at the great mineral wealth of Iron county, abounding as it does with iron ores and coal. The iron ores, so far as I am able to judge, surpass anything of the kind I have ever seen, both in regard to quantity and quality, and will make as large, if not a larger, yield, in iron, than any other iron ore now known. There are different classes of iron ore in Iron county, quite sufficient to guarantee success in the smelting operations of a blast furnace. There is the rich magnetic, the red hematite and other classes of ores, which I do not care to designate from mere observation. Suffice it to say that the lowest grade I have seen will not yield less than forty-five or fifty per cent. of iron, while others of a higher grade will yield from seventy to seventy-five per cent."

"Upon the quality and price of iron ore the success of an iron manufactory mainly depends, so that all iron ores should receive due consideration and examination, both as to quality and quantity, before capital is invested for manipulation, so that when capital is secured it may be regarded as a safe investment in a stable business. These steps, so far as I can learn, have been taken, and the proper assays made, with satisfactory results. I am satisfied from what I have seen, and what I know of the results of the different assays that have been made of the iron ores of Iron county, in connection with proper care, judgment and economy in the construction of the proper works for the manipulation of the iron ores, that in less than five years from the present time, the increased value of these iron mines will amount to 500 per cent."

But, in addition to the mines of iron, we have a mountain of pure

rock salt, a plate of which, as clear as a French plate glass, was sent to the Great Exhibition at Berlin. Now, to the farmers of the West, who know that "Turk's Island" salt is imported into the United States at the expense of millions of money each year, subject, also, to duty, how does it appear when told that around the shore of Salt Lake, and in this salt mountain, there is crystallized salt enough to supply the world for 1,000 centuries; salt of a better quality than that imported?

Why, then, is not this vast body of salt prepared by the rays of the sun, of a better quality than Turk's Island, utilized? And why do the people of the United States now pay millions of dollars annually to import what God has given them in mountains here? The answer is plain. Freight on the Union Pacific railroad, constructed with the people's money, are so high that neither salt nor any other products, save ore and bullion, will bear transportation. Give us as cheap freights from here to Omaha, as from there to New York, and Utah will stop the importation of salt in a single twelve month.

Not only this, but we have here a mountain from which may be quarried by tons enough sulphur each month to supply the United States. Do your readers happen to know that all the sulphur used in the United States is imported from Sicily, and that millions of dollars are sent there every year to purchase what lies here in mountains? Do they know that since the use of earthy oils, sulphuric acid is used in immense quantities to clarify those oils; and that all this comes from abroad? Two years since, a gentleman from Cleveland came here to purchase this mountain of sulphur, but on inquiring about freights, he learned that sulphur could be brought from Sicily cheaper than the transportation from Salt Lake to Cleveland, for the reason already given.

Once more—in Cache Valley, at the Soda Springs, there is soda-ash enough made by God in his great seething cauldron, boiling there since the beginning of time, to make all the glass in the United States, of which it constitutes a large component part. Now, farmers of the West, do you know that all the soda-ash used in all the glass factories of your country is imported from abroad? And is brought here subject to heavy duties also? And that, too, while enough of it lies in the surface at Soda Springs to supply the people through all coming time? Why is this? Simply because our Members of Congress * * have taken over \$100,000,000 of your money, and put \$50,000,000 of it into a railroad. * * And now the owners of a railroad, built entirely with the people's money, charge such exorbitant freights that Utah cannot export either her iron, coal, salt, sulphur or soda-ash!

Now then in addition to those mountains of minerals already referred to, we have mountains within fifty miles of where I sit, filled with mines of lead, silver, gold, copper, bismuth, cinnabar, gypsum, in endless quantities. Already the product of lead is growing so fast that, within the next three years, Utah will stop the importation of lead entirely. And as the product of silver was in 1873 almost \$5,000,000, in three years more it will be at least \$20,000,000. There is no limit, with proper application of money and men, to the product of silver in the Little and Big Cottonwood Canyons, Bingham Canyon, Tintic and Ophir District. These mines are worked very easily, without blasting much, and the ores smelt as readily as common lead ore. Economy, industry and care will produce lead and silver both as cheap as formerly was done in Galena and the lead diggings in Wisconsin.

Add to these products of nature here, a most genial and mild climate, valley and mountain ranges, where horses, cattle and sheep range all the year; fields that, with slight irrigation, will yield superb wheat, thirty bushels to the acre, barley, rye, oats, etc., at fifty bushels; and fruits of all kinds, peaches, apples, plums, apricots, grapes and nectarines in boundless profusion; and with a population of 150,000 of the most temperate, anti-tobacco chewing and smoking, anti-gambling people in the Union, and you have some idea of Utah as it was and now is. To all these natural advantages President Young has added the practical results of co-operation among his people, whereby they are a unit of hands,

hearts, aims, feelings, hopes and above all, of money; conjoined and wedded together by religion; and you will see from this how the people have withstood the attacks of grasshoppers, black-beetles, drouths, Indians, and, lastly, swarms of scurvy politicians and hungry carpet-baggers, who have been sent here to harass the people and to eat out their substance, and who, for the last three years, have sought, and are now seeking, to rob these pioneers of the right of self-government. — *D. in Western Rural.*

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LEGAL NOTICE.

NOTICE IS HEREBY GIVEN, THAT I, Alma Eldredge, Mayor in and for the City of Coalville, Summit county, Territory of Utah, will appear at the U. S. Land Office, Salt Lake City, Utah, before the Register and Receiver thereof, on the 31st day of March, A. D. 1874, at 10 o'clock a.m. of said day, to prove my right to enter the S. 1/2, N. E. 1/4 and S. E. 1/4 Sec. 8, S. 1/2 N. W. 1/4 and S. W. 1/4 Sec. 9, E. 1/2 N. E. 1/4 Sec. 17 and W. 1/2 N. W. 1/4 Section 16, Township 2 North, of range 5 East, of the Salt Lake Meridian, in the Territory of Utah, in trust for the several use and benefit of the occupants of Coalville in said county and territory according to their respective interests under the act of Congress, approved March 2nd, 1867, at which time and place any adverse claimants may appear and contest my right to enter the said land as aforesaid. Witness my hand this 16th day of February, A. D. 1874.

ALMA ELDREDGE,

Mayor.

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