

hours, if the most favorable conditions are maintained. There is a very general opinion that cold materially interferes with the separation of cream when shallow setting is used. This is a mistake; cold favors the separation of cream more in shallow pans than in deep cans as the former present more surface to the milk than the latter. There is, however, a practical disadvantage in the use of cold setting when shallow pans are used, as cold setting always gives their cream with little more consistency than the milk itself, and such cream cannot be removed from the shallow vessels without being more or less mixed with the skim milk. In a tall, narrow vessel this difficulty is not met with, as the skim milk may be drawn from the bottom without disturbing the cream enough to effect the result.

To make the maximum amount of butter as well as the best quality, the milk must be kept pure and sweet. The greatest source of impurities is in the unclean vessels in which the milk is drawn and in the filth which surrounds the cow. When drawn from the cow, milk is at a high temperature, and indeed at just the temperature at which it can be contaminated the most rapidly. Evidently the milk should be cooled to a low temperature immediately after it is drawn. This treatment is also the best remedy for the rapid souring of milk. The first lessons for the dairyman to learn are scrupulous cleanliness in all affairs relating to milk, care in the dairy, thorough washing with boiling water of all milk vessels, and low temperature applied to the milk immediately after it is drawn from the cow.

Very respectfully,  
ARTHUR BARRETT.

#### CAPITOL GROUNDS REPORT.

We, the Undersigned, in behalf of the commissioners on capitol grounds, C. W. West, Thomas Marshall, James Sharp, Joseph Stanford, Anthon H. Lund, A. O. Smoot and Aaron F. Farr, hereby respectfully submit to your honorable body a report of the labor performed, and the improvements made on the capitol grounds, during the past two years.

The limited amount appropriated by the last legislative assembly and the delay attending the cashing of auditor's warrants necessarily restricted our attention to the caring for that portion of the grounds already improved during the year 1892, for after paying outstanding obligations, there was little money available for other purposes; but by strict economy, we have been enabled to make the following improvements during the past year:

The roadways leading up to and around the site selected for the capitol buildings and extending quite a distance north of the east and west gates, have been graded; shade trees of different varieties have been planted around the roads and walks. Many ornamental trees, groups of evergreens and shrubbery, have also been planted in other parts of the grounds. The old beds of shrubbery have been enlarged over one-third of their original size. These additions necessitated the purchase of 477 ornamental trees and evergreens, 1,650 shrubs and rose trees, etc.,

etc., all well selected, embracing many choice varieties, at a cost of \$7,533.50. Several additions have also been made to the lawns. To provide in part for watering the extensions here referred to, we have had several hundred more feet of iron piping laid, with hydrants attached at suitable distances apart, at a cost of \$837.90.

The fence has also been repaired, and a tool house, large enough to store all the tools and other movable property belonging to the grounds, has been erected.

In June last, twenty Utah manufactured rustic park seats were purchased and placed at suitable points along the walks, and the grounds under proper regulations were thrown open to the public.

The action was noticed by the press of Salt Lake City and the Territory in appreciative terms, and much favorable comment was made upon the improved condition of the grounds, in the growth of trees affording shade to visitors, and the whole surroundings were represented as reflecting great credit on the enterprising spirit of territorial officials. Several thousand people, many from different parts of the Territory, availed themselves of the opportunity to visit the grounds during the summer season.

Your committee respectfully represent that an estimate has been made looking to the completion in improvements of the whole twenty-one acres of land embraced in the capitol ground enclosure, as per plans adopted by the commission and which plans were submitted and approved by the legislature of the Territory which will cost in labor, piping, planting trees, etc., about \$12,000, and when said grounds are so completed, it will cost \$2,500 annually to look after them and keep them in proper condition, making a total of \$17,000 which we ask your honorable body to appropriate. We also most respectfully direct the attention of your honorable body to the necessity of commencing the erection of the Capitol building and recommend that the sum of \$125,000 be appropriated for the erection of one wing of such building. The great necessity existing for the erection of this structure, the advantages to be obtained by the Territory in various ways are so apparent that we do not consider it necessary to dwell at any length on the subject.

For particulars as to the receipts and expenditures, we most respectfully refer you to our financial statement hereto attached:

Liabilities.	
To Salt Lake Nursery Co.....	\$ 631 00
Hoverland foot plane.....	13 00
Balance.....	618 11
	\$1,274 11
Balance (credit).....	\$698 11

In conclusion, we ask that your honorable body will, ere the close of the Legislative Session, visit the grounds. We also invite your inspection of our books and accounts and shall be pleased to extend to you all the courtesy in our power to make you thoroughly familiar with all the facts connected with our labors in all the work committed to our supervision, and in the interest of the people of our fair Territory. Respectfully,

CALEB W. WEST,  
Chairman.

JOSEPH STANFORD, Secretary.

#### RECEIPTS.

Balance on hand last report.....	\$ 436 88
Appropriation, Legislative Assembly.....	6,010 00
Appropriation Legislative Assembly.....	5,000 00
Bills payable, due from Mr. McCoy.....	650 00

\$ 12,096 88

#### EXPENDITURES.

Fence account.....	\$ 224 00
Grounds.....	6,048 20
Waterworks.....	2,162 20
Per diem and mileage.....	813 80
Salary.....	356 00
Mis. ex.....	328 83
Interest and discount.....	211 93
Building.....	127 79
Bills payable.....	650 00

\$ 10,822 71

Balance, Dec. 31, 1893..... \$ 1,274 11

#### IDAHO ITEMS.

Deputy Sheriff William Wardrop, says the Idaho, Boise, *Statesman*, of Owyhee county, arrived in Nampa late Sunday night and reported the capture, near Vale, Oregon, of Gideon Lewis, the man who, on the night of Dec. 20, stabbed and killed John Harris at DeLamar.

The man gave his name as Jack Rhodes and denies he is the man wanted for the murder of Harris.

Rhodes answers the description of Lewis in every respect with the exception of a change which the officers think he has made by removing his whiskers. Rhodes, when questioned closely, told some very improbable stories; among other things he said he spent Christmas in Boise, and when asked what hotel he stopped at, he replied that he thought it was the Boise house. The officers brought Rhodes to Vale, Or., where he was lodged in jail to await identification.

A heavy storm of snow and sleet has been raging over the Wood river country since Saturday last and still continues at this writing with unabated fury. In the mountains the snow has reached a great depth, and there have been numerous slides in various gulches between Bellevue and Ketchum and above, but at this writing no fatalities have been heard of. Grave fears are entertained for the miners, so many of whom are known to be out in the hills at Bullion, Deer Creek, Triumph, East Fork and at the Red Elephant and Red Cloud groups of mines.

The crusade against the using of cigarettes by school boys in San Francisco is about to be conducted on organized lines and by no less a body than the city school department. A resolution has been introduced appointing a committee of three to investigate the evil, and to report to the board some feasible plan for eradicating the pernicious habit, so injurious to the morals, minds and bodies of our boys.

The McCee Rankin Theatrical company seems to be in hard lines. On Friday night at Pasadena, Cal., Rankin demanded money of the manager, but the receipts had been attached. Rankin and the company went to Los Angeles and attempted to assault the manager, Mr. Maher, for not stopping the levy at Pasadena, but they were threatened with arrest and did not harm the manager. Miss Phyllis McKee Rankin has now sworn to a complaint charging Manager T. M. Maher with embezzlement.