

family located at Payson, Utah. In 1868 they were called on the Muddy mission, where they remained until it broke up. In 1870 they moved to Long Valley and were associated with the United Order in Orderville until it was disorganized. For ten years Brother Heaton was the presiding Priest at Moccasin Springs. He was also a High Priest and member of the High Council. In 1889 he moved to Mexico and was chosen first counselor to Bishop Jesse N. Smith Jr., of the Pacheco ward, which office he held at the time of his death. He was the father of nineteen children. His death is a heavy loss to the colonies.

UN HERMANO.

SUGAR INDUSTRY.

GUNNISON, Nov. 23, 1895.

Enquiries have been made as to what limit of altitude, within the valleys of Utah, the raising of sugar beets was feasible for the profitable manufacture of sugar.

In 1879 the writer of this article raised a few acres of sugar beets in this valley, altitude about 5,200; obtained the seed through A. Milton Musser, of Salt Lake City, from the U. S. agricultural department; grubbed sagebrush beach land of good quality, plowed once, cultivated well, sowed the seed broad cast, harrowed down and laid it off like wheat land; irrigated about four times; and in the latter part of July the irrigation stream gave out, and the beets had no water after that time; but they continued a healthy growth, yielded a good crop compared with treatment, and were harvested at the proper time. I sent specimens of the beets, the same fall, to Superintendent Gennert of the Alvarado beet sugar factory in California, for analysis. The specimens were well packed in oil-cloth, in order to have the analyses correct. Mr. Gennert reported that the beets contained 15 per cent of sugar. I informed him of my doubts of his analysis being correct, and wanted him to try again. To this he answered me, that if I would inform him as to the altitude, the amount of balmy and sunny days, of our valley during the growing time, he might expel my doubts by long experience and many data as to the effect of climate on the amount of sugar in the beet. I answered him at once. His return answer was: that according to my statement he was convinced that our climate, latitude, altitude, few cloudy and many balmy and sunny days during the vegetation of this sugar plant, was as favorable as could be found on our globe; and would prove in the future that the valleys of the Rocky mountains would be among the most remunerative localities for the beet sugar industry; likewise in regard to the raising of the beet-seed. Undoubtedly, whenever we arrive at the possible and most favorable physical and chemical conditions of the soil, and the proper treatment of the plant in connection with our genial climate, Utah will form a center for the most profitable sugar industry.

If consistent with the modern diffusion process, only the crude juice should be piped to the factories, and diffusion batteries located in the most

convenient places for the pulp to be disposed of for feeding and fattening purposes.

Without doubt, this sugar industry will incite the farmers to adopt the most advanced measures in agriculture, and they will soon discover that the beets will pay him in sugar, in proportion to his applied intelligence and rational practice.

Yours truly,

CHRISTIAN A. MADSEN.

SAN LUIS STAKE CONFERENCE.

The quarterly conference of the San Luis Stake of Zion convened at Manassa, Colo., November 16 and 17, 1895. There were present of the general authorities, Elders Brigham Young, Francis M. Lyman of the Quorum of Apostles, and Edward Stevenson of the first council of Seventies. The Stake officers were well represented. Owing to the train being delayed the visiting brethren did not arrive in time for the first meeting on Saturday.

In reporting the condition of the Stake President Albert R. Smith said the Saints felt well spiritually; the spirit of union was on the increase; especially is this noticeable among the leading brethren of the stake. The Lord has blessed the people with an abundant harvest inasmuch that many new granaries were necessary; this being the result of an increase of the payment of the tithes the previous year and in fulfillment of the promises of the Almighty to His people. The Stake Presidency and High Council were a unit in the labors.

The visiting brethren congratulated the Saints on the good feeling and prosperity which had been reported existing in their midst. The subjects treated by them during the conference were, the individuality of the work; the force of example; the prophecies of ancient prophets concerning the coming forth of the latter-day work; the Word of Wisdom, and others that were of equal interest to the Latter-day Saints. Elder Brigham Young made the promise to the people of this valley that if they would observe the Word of Wisdom, keep the commandments of the Lord, instead of now desiring thousands to dwell with us, the time would come when we would be heard to say, "Give us room that we may dwell." Elder Lyman was gratified to see the Stake house completed and to notice the various improvements around the house. These brethren were full of blessings for the people of the Lord, pleading with them to live to peace, remember their covenants and they should be blessed.

The general and local authorities were presented and unanimously sustained by vote of the conference. The Bishops' reports were of an encouraging nature.

On Sunday evening Elders Young, Lyman and Stevenson visited Sanford and spoke to a large and attentive audience.

Thus closed a most enjoyable conference, indeed a feast of good things, as Brother Stevens n said they had come so far to enjoy; not a feast of the things of this world, but of the word of God.

M. O. FUNK,

Stake Clerk.

ALL WELL CORNELL.

All is well at Cornell. The students of this year seem to have more life than those of other years if the "rush" and street parade are evidence of such. The "rush" is forbidden at Cornell under penalty of suspension of those who participate, but the boys have taken their chances and have had their "cane rush." It took place on Dryden road and was between the freshmen and sophomores who when the command charge was given, obeyed to a man and in a very few moments the blood was flowing freely. No persons were killed but dozens have carried either black-eyes, broken noses or bruised limbs as a memento of their foolishness. The sophomores were victorious and the poor freshmen were driven from the streets into their havens of rest while the victors paraded about giving the university class yell which is as follows: "Cornell, I yell, yell yell Cornell, '98! '98!" About 500 students joined in the fight. The freshmen have sworn vengeance against the seniors and juniors, who, it is said, brought about the "rush" and who aided the sophomores.

The "if it meet" will be had before long which will be conducted by three judges, who were announced by President Schurman. All kinds of athletic sport will be indulged in and the contest will determine who has the right to dictate to the other class.

Yesterday was a red-letter day with the football men. The Brown University eleven, on Nov. 9, played a tie game with Yale. Yesterday they met Cornell on Percy Field and the most exciting game ever played in Ithaca was witnessed by thousands. At the close of the first half of the game neither team had scored a point, but during the last half Brown was defeated, the score being 6 to 4.

The readers will recall the demonstration that was made when Grover Cleveland, three years ago, was elected President. That demonstration was very tame compared with the one which took place last night in honor of our victory over Brown. Tin horns and cannons were used freely. A thousand students paraded the streets for hours. A novel feature of the event was the 250 students in their white night gowns among whom was Mr. W., one of our Utah men. Our chief clerk of the Constitutional Convention was very patriotic and carried on his shoulders A. Kuhn who was decked out in his night robe.

This is an ideal college town and when the students undertake to do anything the police step aside and give them full sway.

The Utah boys are doing good work and have made many friends. All are well and happy. Letters addressed to 23 Heuska will find either Messrs. Grover, Willey, Price or Christensen, and to 18 Hazen, Mr. Call.

"CYMRU."

ITHACA, N. Y., Nov. 17, 1895.

The body of an old prospector named James Martin was found yesterday in Hamburg creek, eighty miles from Phoenix, Ariz. The old man's cabin near by had been ransacked. The body was buried by neighbors, but will be exhumed to be examined for evidences of foul play.