DESERET EVENING NEWS: SATURDAY, DECEMBER 23, 1899.

LOGAN, THE TEMPLE CITY. tration on December 14 was 495. The the sounds of the English letters. Other faculty numbers 26. The number of inventors, like Anderson and Taylor, rooms in use is 53. THE THATCHER BANK.

History of the Queen City of the North-Her Main Industries, Attractions and Resources-The Educational Center-Sketch of the Great Brigham Young College.

by prosperous busines houses.

Nestling at the foot of the grand old | factories for woolen goods, underwear, hills of the Wasatch, encircled on the south by the twining curves of the staple articles, are running at full blast stream called after her name, lies the lovely city of Logan, the "Temple City of the North," the "Athens of Utah." Geographically she lies in 41 deg. 43 papers three jewelry establishments. fine furniture stores, a candy factory, and many other lines are represented min. north latitude, and nearly 112 deg. west longitude from Greenwich. Her elevation is 4,200 feet; her climate is one of the finest in the land, never uncomfortably hot in summer, and her clear, dry, bracing winter atmosphere imparting a zest to life that is as enjoyable as it is healthgiving.

16

When parties were sent into the north by President Brigham Young to investigate the posssibilities for settling this valley, the report they brought in was that Cache valley was good for a herd ground. In 1855 a party, composed of Brigham Young Jr., Samuel Roskelly and Andrew Moffatt, were sent here to cut hay, build corrals, etc., and that fall a lot of stock was driven into the val-

ley, and wintered on what is known to this day as Church farm. The first settlement, however, was founded by that indomitable spirit, Peter Maughan, who with a party entered the valley from the south and settled what is now knows as Wellsville, but then called Maughan's Fort, in July, 1856.

The settlement of Logan began in 1859, with Wm. B. Preston, the Thatcher family, John F. Wright and others the first to locate. The site of the now beautiful city was then an uninviting plain of sage brush, but with the true oneer instinct, the possibilities offered by the fine stream of water flowing from the mountains was discerned by hese men, and Bishop Preston pitched his tent and said, "This is good enough for me

Logan is thus 40 years old, and in that time has made splendid progress in alt branches of education and commerce. The pioneers builded well and their children and the thousands of homeseekers who have found homes here are garnering the benefits of their efforts. Many hardships were endured by the early settlers, not the least among which were the depredations of hostile In-dian bands, who resented the appear-ance in their "hidden valley" of the hated white man. In some instances white men were murdered and children carried off, besides horses, cattle and grain being stolen. A local militia was formed and minute men stationed at every danger point, but it was a num-ber of years before the savages ceased to harass the settlers, and not then until after the great slaughter at the battle of Battlecreek, 20 miles north of Franklin, in 1863, when Colonel Connor with 450 U.S. soldiers, met and defeated with heavy loss an equal number of redskins. The battle lasted four hours, and over two hundred Indians were killed and many wounded, among the slain being Bear Hunter, who had been the most troublesome among the chiefs. The adaptation of the soil of Cache valley to agriculture was soon demonstrated, and this resource has been deloped to such an extent that Cache has come to be known as the "granary of Utah." There are under cultivation of Utah." There are under cultivation now in this county nearly 170,000 acres of land, from which last year's wheat crop totalled up 2,000,000 bushels; 116,000 bushels of oats, 10,000 bushels of barley and other products in proportion. The farmers of Cache are intelligent and thrifty, own beautiful homes and are prosperous Logan is the natural commercial center of the county, and furnishes supplies to about twenty tributary towns. Her own fertile soil and industrious inhabitants have made possible the reality of a beautiful residence city, and the advantages offered within her limits eductionally have led many a well-todo farmer or successful business man from surrounding citles to purchase a home in Logan where his wife and children could have the advantages socially and educationally, so much to be desired

The Murdock block, Co-op Wagon

block, Cardon block and Z. C. M. I. buildings, all three story structures; the Bishop's storehouse, Union block, Ricks block, Edwards block, Riter Bros. Drug Co. block, Campbell & Morrell block, U. O. block, City Drug Co. block, Logan Dry Goods Co. block, T, D. Roberts block, all substantial two-story business ouses, and many others that give to the town a prosperous business aspect, During the past year a number of busines blocks have been erected, and some are now in course of construction, among them being the Thatcher block on Main street, Amussen block on Secplows and agricultural implementa, leather, brick, molassee and many other ond street, and the Utah Mortgage & Loan building on Tithing office corner. The city is filled with beautiful resiwith ready markets for all their proddences, and the past year had added a ucts. Three first-class drug stores, a dozen or two modern dwelling houses dozen up-to-date general merchandise establishments, two banks, two news-

to the number. in the city has a creditable wards meeting house, except that the First ward, having the table that the First ward, having the tabernacle within its | their offices as such during the will and limits, uses a portion of the first story

thereof for ward gathering purposes. There are three other denominational The vast amount of power capable of being generated from the Logan river churches in the city, namely, the Episoffers unparalleled facilities for running manufacturing machinery. Electric motors furnished from generators locatcopal, Presbyterian and Methodist Epis. copal, each of which is represented by creditable church and parsonage buildd at the mouth of Logan canyon, supings. There are one three-story hotel ply much of the power used in this city, And this power could be increased a thousand-fold. With the advent of and two two-story hotels, three livery stables and three saloon in town.

increased transportation facilities for this valley, will doubtless come an era Tapping Logan river/at or near the mouth of Logan canyon, four irrigating canals have their source, from which of manufacturing, for otherwise almost most of the land betweeen Logan and every requisite exists here in abundance-cheap power, cheap living and reasonably cheap labor. The discov-ery of a coal mine near by would also Richmond on the north is irrigated. They also furnish power to a number of mills, factories and creameries. facilitate this desired state of affairs, Logan and Cache valley have but

A promising coal prospect in the hills one outlet to the outer world of com-on the west of the valley gives hope merce by way of railway facilities,



State, its auditorium comfortably ac-commodating 800 people. all to come up and pertake with her of the beauties of life and of the pleasures of living. BRIGHAM YOUNG COLLEGE.

The Brigham Young College was founded by President Brigham Young in 1877, with an endowment of 9,642 acres of land, located south and west of Logan, Litah .- The instrument of endowment provides that such courses shall be offered by the institution as are "usually taught in a college of learning," and that students who take full courses, unless physically incapaci-tated, " shall be taught some branch of mechanism." The Gospel of Jesus Christ shall be the basis of college discipline; the Old and New Testaments, and other doctrinal works of the Church, shall be standard text-books; and no book shall be used that advances ideas "antagonistic to the prin-ciples of the Gospel." The government of the college is vested in a board of

pleasure of the President of said Church.' The provisions of the deed of trust indicate, in a general way, the views of the founder on the subject of education, and the work which he contemplated for the college. He believed in the complete nad harmonious develop-ment of all the powers of the individ-

ual-intellectual, physical, moral, and spiritual; and although he emphasized agreement and directorate includes the solid men of the State, and that it holds in the deed of trust the importance of religion and the useful arts, the foundation which he laid in the establishment that those controlling its affairs are not only solid and safe, but are acof the institution, contemplates a superstructure that shall embrace every line of educational work.

In August, 1877, the trustees named in the instrument of endowment accept-ed the trust, wi h an agreement to carry increasing trade wants of this prosperous region, to which Thatcher Brothers' Banking Company affords the faciliout all of the terms and conditions ties and advantages of a first class thereof, and began the organization of bank

the institution. Ever since the college was first open ed for the admission of students, in 1878, there has been a gradual growth commensurate with the educational de-mands of the people and the resources of the institution. To further facilitate this growth, the institution was incorporated, in August, 1899, under the laws of the State of Utah. The articles of incorporation provide that the trustees shall have power to carry into effect the business of the college in accordance with the provisions of the original deed of trust, "so far as the same are applicable and pertinent to the needs of the institution," and that they shall have power to buy and hold real estate and personal property, and to receive gifts of all kinds; "to establish and maintain scholarships, fellowships, endowments, and such schools, departments, and professorships in the liberal and useful arts and in the sciences and professions as to them may seem proper; to award certificates and diplomas of graduation and confer such degrees and honors as are usually conferred by colleges."

In accordance with the provisions of the deed of trust and the articles of incorporation, it is the general policy of the institution to promote the higher educational interests of the people, providing a liberal and thorough edu-

cation that embraces not only mental

discipline and physical training.

inventors, like Anderson and Taylor, have made more or less important im-

provements upon Pitman's system, but Pitman, says an exchange, remains the master mind of modern phonography. and his books the master works in this line of human achievement.

PAINTING.

Millet's "Angelus" is undoubtedly the most famous painting of the nineteenth century, says the New York Herald Surveyor and Civil Engineer. But whether its pre-eminence be justi-fied by its merit; whether it be not partly due to the sensational episodes through which the picture has passed since it was finished; in short, to what degree its righteous fame is debased by LOGAN, - - . UTAR. the unrighteous alloy of mere notoriety Cache Valley Lumber Yard, -on all these questions critics will un-doubtedly differ. It follows that they Dealer in All Kinds of Lumber, Finish Mouldings, Lath, Shingles, Doors and W dows. All Kinds of Builders' Bardwares will differ as to the place the "Angelus" should occupy in nineteenth century

That it is the masterwork of the mas-Thatcher Brothers' Banking company ter mind in modern French art most is recognized as one of the oldest, as critics will probably admit. That French well as one of the strongest banking art as a whole is the greatest art of the institutions between Salt Lake and century they will also admit. But, ad-Butte. Organized in 1883, it has kept mitting all this, you still leave yourself a loophole which will enable you to admire some one foreign master more pace with the growth of the country contributary to it,-and that is wide in than Millet. Fortuny, in Spain; Mun-kacsy, in Hungary; Verestchagin, in extent. In 1893 it was one of the few Russia; Turner, in England-each would have his adherents. Neverthebanks that not only did not crowd its customers to the wall, but to these less, from any one of these masters it who would have suffered because of a would be difficult to select any one pic withdrawal of aid, it still managed to ture so thoroughly representative of the nineteenth century mood, its crav assist with additional accomodations. ing for realistic detail tempered with All remembering that period of finanreverence for the ideal, its passion for cial panic and alarm will fully appre-ciate the strength and disposition of a putting a sermon into pictorial form and its democratic recognition of the bank capable of doing this. Its maninnate nobllity of all men.

ANÆSTHETICS.

In 1829 an eminent Parisian surgeon, M. Cloquet, amputated a cancerous breast during a mesmeric, or, as we would now say, a hypnotic, sleep. The patient, although able to converse, is reported to have been entirely insensi-ble to pain. This seems to be the first authentic effort at inducing anaesthesia for the purpose of avoiding the pain of surgical operations. Occasional recourse to the mesmeric trance for similar purposes was subsequently made in Paris and London, but not always with satisfactory results.

Finally, in 1844, the use of ether in SUNNY MEXICO dentistry was introduced in America by Horace Wells, a dentist, followed in 1846 by William T. G. Morton, another American dentist, who extended the use of the same drug to surgery. James Young Simpson, of Edinburgh, substituted chloroform for ether in 1847, and this still remains the favorite in Eu-Diaz, Mexico, Nov. 26 .- This place has been retarded in its growth by the dif.

That the use of anaesthetics is an ficulty experienced in obtaining buildenormous boon to the race is evident. Nor is the boon in the avoidance only ing material that had to be hauled over a hundred miles, that is the lumber and of pain, but also of the nervous irrishingles. The garden enclosures are tation that might delay or even pre-vent subsequent recovery. Thus it is made of the Mexican adobie and the possible for many operations to be safely performed which without the use of chloroform would endanger life by houes are of the same, but brick are now being made and an improvement mere shock to the system. in the houses promised. The land here

but the people are larning how to take C. A. COWANS, D. D. S., advantage of the conditions and the result is better returns from the land. DENTIST.



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and I was beginning to think that the trop. ble would run into consumption. I didn't take any stock in patent medicines, but somehow or other I tried Acker's English Remedy. One bottle did the business for me-knocked that cough out completelyand it has never come back again. There is never a day passes that I don't say a good word about this wonderful medicine. 1 al. most forgot to say that I am stronger and fleshier now, since taking the remedy, than I was before the cough began. I write this letter voluntarily and cheerfully and am glad to do it." (Signed) CHRIS, HUMBLE, Saloon-keeper, Pocatello, Idaho.

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its prestige is naturally due to the fact

quainted with and prepared to meet the

needs of the growing business and the

MORMONS" IN

HER SCHOOLS.

The very climate of Logan has made possible the title bestowed upon her by admirers-the "Athens of Utah." It is adapted to study. The freedom from dens of vice, usual to towns of a like size outside the State, also increases her value as a fit place to educate children, and the general healthful, moral tone of her inhabitants.completes the qualifications necessary for an educational center; and the presence at this writing of about 2,500 pupils of schoool and college in this city, gives evidence of the fac that the facilities for obtaining intellectual training here are superior-and appreclated.

The pioneer institution of higher learning is the college founded by and named after Brigham Young, in 1877 He endowed the institution with 10,000 acres of land, and from that beginning has developed one of the foremost in stitutions of learning in the Rocky ountain region. Many of her graduates are men of character who have become prominent in nearly every branch of professional life, and others leaders in ecclesiastical and politics branches. Her standing is recognized throughout the land, and her students are from the best families in the country. The extensive building operations lately completed by the college attest its prosperity and popularity among the people.

AGRICULTURAL COLLEGE.

In the year 1888 the Legislature took advantage of the offer by Congress for the establishment of agricultural col leges in the various States, complied with the conditions necessary, and in that year was founded the Agricultural College of Utah. The selection of Lo-gan for the location of this college proves to have been a happy one. This mammoth institution has made such rapid and successful progress educa. tionally, that its work and its graduates

are known all over the west. The New Jersey Academy is a Pres-byterian school, designed to prepare students from common schools for college work, and in some courses college work is duplicated.

Logan has seven public schoel build-ings, two of which are splendid struc-tures of eight school rooms each. All the buildings are of brick, modern in style and complete in appointment. Twenty schools under the city's care are in daily session, the attendance be-ing over 1,100. The system of training in the public schools is of the most ap-proved and up-to-date character, discipline is good and the results in the

THE LOGAN TEMPLE.

that this may not be among the im-possibilities. and that is provided by the Oregon Short Line Railway company. This MUNICIPAL GOVERNMENT.

On Jan. 17,1866, the Legislature passed an act by which Logan City was in-corporated. A city election held March, 1866, resulted in the election of Alvin Crockett as her first mayor; John B. Thatcher, C. B. Robbins and T. X. Smith, aldermen, James H. Martineau, T. E. Ricks, W. K. Robinson, P. Cranney and C. O. Card, councilors. H. W. Isaacson was the first city recorder; P. Cranney the first marshal; H, K. Cranney, attorney; P. Cardon, treasurer; H. Sadler, assessor and collector; B. M. Lewis, supervisor; John Jacobs, sexton; J. H. Martineau, surveyor.

The mayors of Logan since that time have been as follows: Wm. B. Preston, who succeeded Crockett; Robert S. Campbell, James T. Hammond, Aaron Farr, Jr., James Quayle, G. W. Farr, Jr., James Quayle, G. W. Thatcher, N. W. Kimball, and Anthon Anderson, who now occupies the mayor's chair. Mr. Anderson was also re-elected to the same position for the ensuing two years.

THE TEMPLE.

On an eminence above the main body of the town, rises that magnificent granite pile, the beautiful Logan Temple. The building was erected by contribution of the people of this and surrounding Stakes. Seven years were occupied in its construction, and its cost was \$600,000. The corner stone painters and artists have their studios was laid Sept. 19, 1877, and the building vas dedicated May 17, 1884.

Logan has a large number of fine buildings within her borders, among which, outside of the Temple and coleges, may be enumerated the follow-

Logan tabernacle, the chief house of vorship of the Latter-day Saints. This s a commodious stone structure, well adapted to the purpose for which it was erected, and will seat 2,009 people. Opera house and bank, which is the finest business block in the city-three

stories high, built of red brick. The opera house is one of the finest in the



The business portion of town and a great part of the residence districts, are supplied with water by a modern system of waterworks, owned and operated by the city. During the past autumn the mains have been materially extended, and it is hoped it will not be many years before every house in town may be supplied. Water is taken from Logan river at the mouth of the canyon, to supply the waterworks.

Socially, Logan possesses many advantages. Besides the regular litera-ry societies of the colleges, there are various club organiaztions among the people for the cultivation of the intellect and extending needed recreation. Then. ters and operas of a high class may be often witnessed in our beautiful playhouse. Five or six elegantly appointed ball rooms are within easy reach, and during the holiday season half a dozen orchestras may be busy in one evening in providing music for devotees of the Terpsichorean art. Various musical organizations also flourish here, and Logan lays claim to possessing some of the very best professional talent, musically, in the State. Art is al-so cultivated, and several rising young

here. The season is at hand when the greatest of winter sports-sleighing, begine to reign supreme. On a good day for sleighing it is not at all an uncommon thing to see from fifty to one hundred brilliant cutters drawn by some of the finest and fastest horses which this valley is noted for producing, upon the streets at once. Skating is also to be enjoyed near at hand.

In short, Logan is a desirable place in which to live. Her beauties and advantages are legion-her drawbacks and disadvantages minimum. She is hospliable to strangers and invites one and

considered from the broadest possible point of view. Thoroughness and effi-clency are emphasized in all of the departments. All large classes are divided into sections in order that in-structors may do a thorough work, meeting the requirements of individual students. Such special and general in-structions on subjects of health and morals are given as the interests of the students demand. Appropriate instructions are given the male students on the functions of the various offices and callings of the Priesthood. Throughout the work in the theological department, the aim is to give student a thorough knowledge of the subjects offered, and to develop faith in the practice of Gospel principles, thereby preparing them for efficient work in the ministry and in the different organizations of the Church. The development of high ideals of manhood

and womanhood is emphasized in all of the work of the institution. The following courses are offered: (1) course in general science, four years; (2) course in arts, four years; (3) academic course, four years; (4) normal course, four years: (5) sub-academic course, one year; (6) Mutual Improvement normal course; (7) Sunday school normal course. In connection with the normal course, a normal training school is maintained.

The college occupies a campus of about twenty-three acres, situated near the center of Logan City. The lower campus furnishes space for athletic sports, an aquarlum, and horticultural gardens. The buildings comprise the east building, the west building, and the Laboratory building, containing fifty-three rooms. The buildings are all furnished with the best desks, settees, and assembly chairs. The laboratories and museum are provided with the necessary cases and desks, and with apparatus and specimens for practical experimental work in the natural and physical stonces. The reading room is supplied with the most important newspapers and magazines in the United States, and with the principal dictionaries and enclycopedias. The library is augmented from time to time to meet the demands of the work of the several

departments. This year there are 103 different classes in the various departments, besides special work. More advanced work is being done than ever before in the history of the institution. The regis-

but Americans Sunday would be a queer moral and spiritual culture. It is the time for election day, but in Mexico constant aim of the college authorities Sunday is the election day, and their to provide for such work as will preodd style of voting was strange. pare the students for success in life, Around the table were the judges of election and a paste board ballot box was in the center. As each elector came in he was given a ticket to write out the names of those he wished to vote for-so that every elector had to write his own ticket-and if he did not vote was hable to a fine from 25 cents to \$5. There is no noise or excite-ment and though there were two tickets out there was no electioneering. Everything is prospering and quiet in Diaz. Bishop W. D. Johnson and aids are looking after the affairs of this colony in a way that promises to cause a continual growth. The Deseret News is much appreciatthe

is good and prollfic, but water is scarce;

ed by the people and every family to subscribe for it take it. The stock interests here are good and

as a rule good prices prevail. Many improvements are in progress and loads of fence wire are coming in to enclose more land for cultivation, while on every hand is met a spirit of contented determination to build up their homes and beautify them.

SALT RIVER VALLEY.

Salt River Valley, Dec. 6 .- No more delightful winter climate could possibly be found than in this favored region. Mesa, the chief colony of the Lat-ter-day Saints in this region, is the most inviting, laid off with broad diagonal roads and owned in small tracts that are thoroughly cultivated; with its pleasant homes, verdant fields, thrifty vineyards and orchards, it presents an inviting appearance. The orange groves are a pleasure to behold, loaded with their golden treasure. One orchardist here took an order for a carload of these now appreciated oranges; and as yet the cultivation of the oranges here is a new business. Grapes mature here one to two weeks earlier than in California. Prosperity seems to attend all who are industrious enough to earn it. The land yields abundantly, five or six crops of alfalfa are raised in a season and a crop of wheat or corn are produced on the same land in one season.

The first frost to affect tomatoes came night before last. Beautiful flowers are still blooming in the gardens and cattle browsing in green pastures, who seek the shade of the great trees from the noonday sun Maricopa Stake has four wards, Mesa,

Alma, Neph' and Lehi, and the Saints seem allva to the love of the Gospel and meetings are well attended. All talk of the thrift and order of these Mormon towns. Great attention is be ing drawn to this region and big schemes are being formulated to increase the cultimated area by the construction of a vast reservoir system that is thought will bring this vast re-gion under cultivation. There is good demand for all the products of the region, lucern hay bringing \$7 a ton and other products proportionate rates. Great numbers of cattle are now fattening and pastured on the alfalfa pastures, that find a ready market at ris-ing values. New buildings of a more pretentious order are being erected and plans for others made, while the business men and orchardists are watching for the completion of a railroad that will give them a direct route to Utah's rich markets.

PHONOGRAPHY.

Shorthand of a rudimentary sort was practiced by the Romans. Jiro, the freedman of Cicero, introduced a system which was only an abreviated longhand. The ideal held before them by inventors of more modern systems is more rapid and accurate. It is described by one of the early fathers of the art, Peter Bales (1547-1610), in these



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