DESERET EVENING NEWS: SATURDAY, DECEMBER 16, 1905.

New YearWill Dawn Brightly on Beaver County.

in its boundaries the first min-ing claim for which a United States

a person does not need the aid of a a person does not need the aid of a magnifying glass to make it clear that silver mine." the outlook for the future of Beaver county is far from discouraging.

Headway at the Cactus.

At the Cactus mine, the development of which was undertaken several years ago by that distinguished mining opera-tor, Samuel Newhouse, production of ore has continued uncensingly since the starting of the big concentrating mil at Newhouse early in the year. While the mine has kept the plant fed with an ample supply of ore without the slightest hitch, the management, at the same time, has been engaged in the ex-ploration of virgin territory; with the result that a tremendous tonnage has been added to the already extensive re-serves. At the mill, which has been in almost continuous operation since the first ore was dropped into the crushers, continues to turn out a concentrate product from which the Newhouse Mines & Smelters corporation realizes a good profit, which, it is said, fully comes up to the expectations of Mr. Newhouse and his staff.

Another Big Bonanza.

There are few who realize the importance of the campaign that has been carried on so noiselessly throughout the year by the Frisco Contact Mining company on the east side of the San Fran-cisco range of mountains, and just in the outskirts of the little town of Frisco. Here is being developed one of the com-ing bonanza mines of the state; at least that is the prediction made for it by engineers who stand at the top notch their profession, and the evidences are plain that these prognostications will come true.

The possibilities of the ground now embraced in the domains of the Frisco Contact company were realized a num-ber of years ago by D. P. Rohlfing, the well known mining engineer of Salt Lake, who had previously made a care-ful study of the geological conditions that prevailed at the Horn Silver mine, which has a record of having produced willions of dollars and which for years was the only mine yielding gold, silver, lead and copper in all of Beaver county.

He Located the Faults.

It was left to Mr. Rohlfing to unravel the work of nature, so to speak, and figure cut how the great Horn Silver yein had been shifted at the time of

EVER before in the history of that southern common-wealth, which bears the distinc-tion of having located with-the boundaries the first mine.

ing claim for which a United States patent was issued in Utah, has a new year dawned under such promising skies, as will 1906. While the camps of Beaver county have made progress during the past 12 months, yet the general public has not been kept very well informed of the events that have been transpiring there for the reason that it has been the

events that have been transpiring there for the reason that it has been the policy of the operators to carry on their work unostentiatiously; without the blowing of trumpets in the heralding of new strikes. But in summing up what has been done at the end of another anniversary, a person does not need the aid of a

Where Noubouse Is.

Where Newhouse Is. It is on the eastern slope of this val-leave that the town of Newhouse, which came into existence during the year 1904, is located. It is here that the big mill of the Newhouse Mines and Smel-ter corporation was built for the treat-ment of the ores from the Cactus mine, which are brought down over the tracks of the Newhouse, Copper Gulch & Se-vier Lake rallway, an auxiliary concern, a distance of about two miles. Trains are run up to the mouth of the tun-nel, through which the mine is operated. At the entrance to the tunnel are locate At the entrance to the tunnel are local

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THE BIG MILL IN WHICH THE ORES OF THE CACTUS MINE ARE TREATED.



but a mining camp. When Mr. Newhouse undertook the construction of the towa; which is to perpetuate his name in Utun, he in-wended that it should be par excellence; int if should be a place where the miner and his family could have some of the comforts enjoyed by many who inhubit the cities. It was the purpose of the founder to lighten the burden of these who toil as much as possible. The town of Newhouse is built around. The round is stated, is operated those who toil as much as possible. The town of Newhouse is built around a plaze, which was seeded to grass a year ago. There are miny splendid buildings, equipped with modern conventences. The Cactus Ina, concerts of two buildings. One is used for a dialog room and kitchen, while the follower of the mine to keep the the unmarried employes of the campa-by. On entering the latter building the visitor flux himself in a large lob. by, from which halls open on two sides. by, from which halls open on two sides. Opening off these halls are the sleeping rooms, 24 on the first floor and 25 on

Salcons Not Wanted.

Saloons and resorts of questionable character are not allowed to exist in Newhouse. The company, however, maintains a club house for the benefit of employes, and it contains everything

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Ore Opened up this Year.

rooms, 24 on the first floor and 23 on the second, affortiling accommodations for 159 men. Each room is furnished with three iron beds, chairs, table, etc. On each floor is a lavatory and bath room with stationary wash bowis and three shower baths, all connected with hot and cold water. Officials of the company and em-ployer who have families have the use of three, four and five-room cottages, for which, with light and water, a nominal rental is charged. A second upraise has been made in French shaft, bolh opening into an ore body aver 100 feet in width and com-ploting another link in an unbroken ore body from 110 to 175 feet and continu-ous for over 800 feet.

Steam Shovels to be Use.

Manager Lafavette Hanchett informed the writer a few days ago that the company would commence the mining of surface ores with steam shovels of surface ores with steam shovels about Feb. 1, and this event will mark about Feb. 1, and this event will mark the first instance in Utah mining where the method has been adopted. The first shovel to be used will be shipped from the factory on the 20th inst. Upon its arrival at Newhouse the big ma-chine will be taken to pieces to be mov-ed up the mountain to where it is to be used and there assembled. When the shovel goes helo commission the manshovel goes into commission, the gement will have opportunity to make ome interesting comparisons; the quare set system, the caving system and the starm shovel system will be in tion. A much greater tonnage will hen be forwarded to the mill for treat-

Tonnage Hauled This Year.

Since beginning operations last March. the Newhouse mill has handled 135,000 tons of ore, from which has been pro-duced 311 cars of concentrate, all of which has gone to the plants of the American Smelting & Refining company for treatment. Immediately after Jan. I slupments of concentrate will range from 75 to 100 carloads per month.

If is claimed that with the labor of three men operating a steam shovel that 300 tons of ore can be mined in a shift of 10 hours.

All employes of the company make their homes in the town of Newhouse. Men working in the mine are carried to and from the tunnel in coaches run over the tracks of the Newhouse, Cop-per Gulch & Sevier Lake rallway, From he mouth of the tunnel they are tak-n into the mine on cars, especially rranged for them, pulled by the elecmine locomotives.

Frisco Contact a Bonanza.

The Frisco Contact Mining company, mentioned in the foregoing introduc-tion, is the owner of the following pat-ented mining claims; Good Hope, Good lope No. 1, Good Hope No. 2, Balm of llead, Scorpion, Scorpion No. 1, Scor-lon No. 2, Saxon, Lookout No. 2, Ex-Frisco No. 2, Eccon, Lookout No. 2, Ex-celsion No. 4, Copper Spring, Frisco, Frisco No. 2, Frisco No. 3, Frisco No. 4, Hesperides, Ruby and Dull Knife, all of which are located in the San Fran-olson minutes. Interior 1997 (1997) isco mining district, just outside of the town of Frisco. the town of Frisco. For several years this company, of which D. P. Robifing is manager, has been conducting a noiseless, but vigor-ous campaign of development and the condition of the property is rapidly ap-proaching the proud position of a pro-ducer of more than ordinary magni-tude. That it will become a second Horn Silver, which is said to have pro-duced more than \$40,000,000, is believed. In fact, the offleers of the Frisco Con-tact are confident of it, after a most careful study of the geological condi-tions of the district, which has been followed up by systematic development. It is inferesting to note that results It is interesting to note that results are conformatory to the conclusions reached in the early days of the com-pany by Manager Röhlfing and other engineers engineers.



CLUB HOUSE BUILT FOR THE MINE EMPLOYES.

hgure cut how the first and ages ago. The first company failed at the time of the crushing plant and ore bins, for the based mining it. to two inches. From the bins and the company failed for the company for the noted Horn Silver ven has been germed into the first source of the noted Horn Silver ven has been for the cances for movement to the first source of the noted Horn Silver ven has been germed not the bins and the company for the noted Horn Silver ven has been germed into the first source of the noted Horn Silver ven has been for the cances for movement to the first source of the noted Horn Silver ven has been for the cances for movement to the first source of the noted Horn Silver ven has been for the cances for movement to the first source of the noted Horn Silver ven has been for the cances for the noted Horn Silver Ven has been for the cances for the noted Horn Silver Ven has been for the cances for the noted Horn Silver Ven has been for the cances for the noted Horn Silver Ven has been for the

CACTUS INN, HOME OF THE UNMARRIED MEN.

At the hold shyle into the one ex-tensive than it was a year ago. The favorable condition of the market for zinc has enabled the management to move a large tonnage of that class of ore to the zinc smelters of Kansas in addition to the gold, silver and copper bearing rock forwarded for reduction to the smelters of the Salt Lake valley. Little was accomplished in the way of handling the low grade zinc ores of which there are many thousands of tons blocked out in the mine, however, some expensive equipment has been installed by the Centrifugal Concentrating com pany, owner of the Peck patents, and it will undertake to extract the zinc and separate it from the other metals on a royalty basis.

Development of the Majestic.

Some disappointment is expressel that the Majestic Copper that the Majestic Copper company's properties are not contributing ore to the snutter at Milford, which cost Majestic shareholders a quarter of a million dollars. But since the Majestic mines passed into the hands of Samuel Newhouse, as managing director, it has been his policy, as it always is the case in anything he takes hold of, to devote a whole lot of energy in system-atic development. With the limited means which remained in the treasury means which remained in the treasury at the time of the taking over, he has proceeded cautiously and satisfactory progress is reported. The campaign of exploration has been centered in the main at the Old Hickory copper property and at the Harrington & Hickory mine, a producer of lead ore. In th latter, particularly, the response has been most gratifying and for months it has been a prolific source of revenue, In the O. K. mine leasers have fared very well, they having furnished market with several carloads of high grade ore.

Skylark Looks Better.

The Skylark Copper property looks encouraging at the close of the old year and those in charge have a better knowledge of the geology of the region than ever before. This company is con-ducting a campaign along safe lines and ought to win out. The Indian Queen property in Copper Gulch is be-ing energetically developed and the ledges will be opened by a long tunnel. The Burning Moscow mine, in the Star district, has furnished considerable ore to the local markets; the values in gold and silver running high. the greater portion of the year at the Black Rock mine in the Beaver Lake district. The Copper Mountain has been idle and there seems to be no hope left to the stockholders, who supplied the funds for the early development, to

redeem it. But generally speaking, mining conditions in Beaver county have been on the up grade. It has been demonstrat-ed that the ore solutions dil not re-main near the surface in the fissures in paying quantity, but that in the course of ages the values have leached end sourch a lower least. Therefore, and sought a lower level. Therefore, to mine successfully in Beaver county it is almost invariably necessary to go to the deep, and this is being done. ver county's mines are sure to to the front in time; but it is Beaver. taking much expensive work to bring

Newhouse's Cactus Mine.

The Cactus, mine owned by the Newhouse Mines & Smelters corporation. is ises to t situated on the western slope of the per ore.

FRISCO CONTACT HOIST AND DUMP.

LOOKING SOUTH FROM THE FRISCO CONTACT.

MISCELLANEOUS MINING CAMPS.

The Mines of Boxelder County.

sive ore bodies and the management of

Newfoundland Copper.

the Lucin cut-off, a Boston syndicate has displayed considerable energy in

the development of the Boston and Terrace copper property with very fa-

somely.

N THE northern part of Utah-in Boxelder county, is the Park Valley

mining district. Here, property ownlocation of the fissures which are be-lieved to cut through that region. Some ore has been found there, but as yet the camp is prospective. Nearer to ers have carried on a quiet campaign, the result of which is improvement. The Century company, of which P. W. Mad-Fon of Salt Lake is manager, has de-Ogden, in the Sierra Madre district, Don Maguire has been theless in bit voted its energy to the development of Don Maguire has been tireless in his velopment of the west; with the tre-effort to develop the several properties mendous demand being made upon new territory more than to production; but the mine will no doubt be in shape to produce heavily early in the new year. The mill was closed several weeks during the past year, but is now in operation and turning out gold builion. The Sunrise Mining company, of development that has been conducted there since the beginning of the current which Sig Simon of Salt Lake is president, has developed some quite extenyear.

Coloradoans in the La Sals.

the company is now considering the In the La Sal district, which covers a matter of the installation of a mill next vast area in eastern Utah and hugyear. A trial run made during the last summer at the Century plant demon-

ging next to the imaginary line which divides the states of Utah and Colo-rado, development work has been carstrated that with facilities for treatried on in a small way. Colorado min-ing men, however, are becoming interment, the ore can be made to pay handing men, nowever, are becoming inter-ested in that country and the new year will dawn with the outlook much brighter for the region than at any time in its past history. One cyanide mill has been put in since last Christ-mas. The conselidation of the Inter-national copper property with one ad-In the New Foundland mining district, west of the Great Salt lake, along

vorable results. This district promfses to become a good producer of cop-

La Plata and Sierra Madre. In the La Plata district, northeast of Ogden, some development work has been done in hopes of discovering the effort to develop the several properties under his management, the Southern Pa-cific company has addd a group of several claims to its territory and has made progress with the campaign of development that has been conducted couragement.

Col. S. B. Milner and associates, who, next to the Colorado Fuel & Iron com-pany, owns the greatest area of iron claims in the Iron county district, has this writing that he is going to suc-ceed and that a syndicate backed by many millions of capital will be formed to operate in the iron and coal fields under his control. Former Senator Kearns and David Keith are develop-ing some copper properties not far from the border line of Washington county.

doned as many had supposed; not by a long ways. It is going to be heard from in 1906.

Copper in Washington County.

In Washington county the principal mining operations of the year have been carried on by the Utah & Eastern pany collapsed, thus cutting off ac-cess to the ore bodies. Almost imme-diately a tunnel was started, penetrating the mountain lower down and at this writing is nearing the objective claims in the from county district, has secured patents for practically all the locations of any value. Col. Milner has spent much time and money in the ef-fort to get outside capital interested with him and the chances are good at this writing that he is going to suc-this writing the total outside capital interested with him and the chances are good at this writing that he is going to suc-this writing the total outside capital interested the most important strikes of high grade ore in the history of the proper-ty was reported. The tunnel will greatly reduce the cost of operation and will place the company in position to produce more extensively than ever before. The smelter, idle for several months, is again in operation. The plant is at

aroldal, crystalline, even in clear glass-like six-sided prismatic crystals-and associated with silver, copper, lead, ar-senic, iron as sulphide, oxide, carbonate and tungstate, antimony, bismuth, nickel, zinc, lead and other metals in one form or another; in slate, quartzite | inert. mica schist, granite, diorite, porphyry, [The in its past history. One cyanide mile border line of Washington county mas. The consolidation of the international copper property with one as important transaction involving the transit transaction of from county, the line transit transaction of the district some good discoveries have been made; particularly in the snow take property, owned by C. A
In Millard county, the Drum mining district is localed. Only a limited
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Millard county, the Drum mining district is localed. Only a limited felsite, calelte, dolomite, common car-bonate of iron, and silicious sinter from

Has Horn Silver Lode.

The Horn Silver vein can be easily traced into the Frisco Contact Mining traced into the Frisco Contact Mining company's ground after the system of east-west faults is understood. North of the Horn Silver company's ground an east-west fault throws the vein about 3,000 feet to the west. For several hundred feet up to this point the vein is obscured, being covered by a flow of mouzontle; beyond this, how-ever, the vein shows in several boild ever, the vein shows in several bold outcrops of the foot wall limestone. ever, the vein shows in several bold outcrops of the foot wall limestone, and the several faults following can be easily seen, stepping the vein to the easily seen, stepping the vein the easily seen, stepping to the set morphosed so as to lose all its orig-final character, in places the char-acter of the andesite—and again being completely silicited as seen in the outcrops above mentioned. This may be taken as one of the reasons that the Horn Silver vein was not traced long ago beyond the Horn not traced long ago beyond the Horn Silver company's ground. The Horn Silver lode is a fault fis-

sure, which extends along the eastern base of the San Francisco mountains. The strike of the yeln is about northsouth and dips to the east about 80 degrees from the horrizontal in a No Two Exactly Alike. As no two mineral fields are exactly alike, it is unsafe to say, without a knowledge of the special conditions that metals do or do not exist in certain rocks, J. C. F. Johnson, an English mining engineer, states that in his own experience, payable gold has been found in the following materials: Quartz, dense and miky, also in quartz of near-ly every color and appearance—spech-aroidal, crystalline, even in clear glass.

Property is Well Equipped.

During the past year the mine has