DESERET EVENING NEWS SATURDAY DECEMBER 18 1909



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GIANT STRIDES.

GIANT STRIDES. In the past year giant strides have been made in this marvelous district, it would be hard to estimate the mount of one now blocked out in the great properties of the district. The Nevada Consolidated is one of the most highly developed mines in the district, and since the acquisition of the Cum-be obtained when a stated that which has a developed territory 12 miles long and three miles wide, can be obtained when it is stated that in the Copper Flat, Liberty and Nuth claims of the Nevada Con, there has been developed 2,000,000 tons of ore. This alone with copper at its present low price means close to \$100, contour.

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THE SUCCESS MINES.

NE of the most talked of min ing properties of Ely at the present time is the group of 32 claims owned by the Success Mining company, recently incorporated in Salt Lake City. The property is in Sait Lake City. The property is in an unorganized mining district, at the head of Duck and Steptoe creeks. Like many another big property, it had its start at the hands of D. C. McDonald, one of the oldest and most prominent mining men of the district. In the fall of 1904 the property was dis-

petthe ias become interested in the is State Senator H A

son who has become interested in the property is Strite Senator H A Comins. Under the management of D. C. Me-bonald the property has been equip-ped with first class machinery. The property has a good holst, bollers, compressor, Grills, holst building, bearding house, stables and office buildings. At present 3,000 feet of underground workings, consisting of shafts, drifts, tunnels, stopes and the like, have been finished. Already a large body of sil-ver-lead ore has been opened up. One feature of the ore is fits high value: in gold.

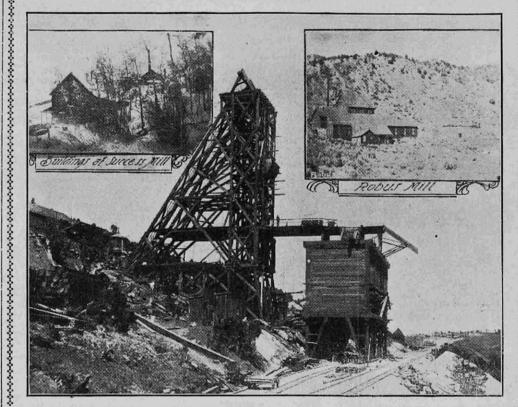
feature of the ore is its high values in gold. When spring again opens up the roads the company will be one of the steady shippers of the district. These is now enough ore in sight at the mine for continued shipment throughout the whater. On account of the heavy snow in the mountain, it has been decmed advisable to discontinue the haul of 22 miles to the railroad. There seems to be little doubt but that the Succeas will be one of the great lead-sliver properties of the country. The formation is a lime, shale quartitie and the conditions are ceclared to be identications are tecelared to be identications and there is a sliver-lead carbonate carrying excel-lent values in gold. At the Fairplay mine which is on the same property some good ore has been shipped to the smelter.

THE NEVADA UNITED.

F OR the first time in the history of mining throughout the world steam shovel mining of lead-silver sand car-

nonate ores is to be tried. This is to be done during the coming year by the Nevada United Mines company at Ward about 40 miles from Ely. During the development work on the ground last fall a large area of lead-silver ground was found on the company's property. From the surface workings on the side of the mountain it has been decided that there is in the neighbor-hood of 80 acres of the property that can be worked by a steam shovel. Ero-sion has done some heavy work so that the ore can be found on an average of about 10 feet from the surface. The ore is fairly regular througout the territory and engineers who have made an examination of the prop-erty are certain that steam shovels could be operated with great profit. The ore in the steam shovel territory is similar to that which has been de-velored in the underground workings. ores is to be tried. This is to

erty are certain that steam shovels could be operated with great profit. The ore in the steam shovel territory is similar to that which has been de-veloped in the underground workings. It carries from 18 to 25 per cent lead, about one and a half ounces of silver and an excess of iron that is sufficient for a premium to be offered by the smelling companels. So quietly has this company been op-erating that only a few are aware of its vast area and the valuable holdings. The property was at one time one of the most famous shippers of Nevada. Ma-chinery was hauled by wagon for 90 milles to equip the property in early days. A first class concentrating plant was built and a smelter was also in-stalled to care for the ores. In the early '80s, the company had produced \$3,000,-000 from its holdings and the village of Ward boasted of 3,000 inhabitants. Then the day of reckoning came. The ore body pinched out and it was be-lieved that the end had come. The property was closed down and the vil-ing dwindled down to but a handful of houses. The fine silver-lead ores, which were chiefly sand carbonates were thought to have been worked out. DID NOT PINCH.



VETERAN SHAFT AT ELY AND OTHER PROPERTIES.

THE MCDONALD ELY.

E LY with its great horde of min-eral wealth, by far the greater part of which has as yet been un-

lleved that the end had come. The property was closed down and the vil-lage dwindled down to but a handful of houses. The fine silver-lead ore which were chiefly sand carbonates where thought to have been worked out. DID NOT PINCH. About four and H. Byrd Northrop made an extensive examination of the ground. They decided that the ore had not pinched out, but a big silp or fault had intervened and moved the ore had nor pinched out, but a big silp or fault had intervened and moved the ore plocking out ore. Already in the neigh-borhood of 1,500,000 tons of ore have been blocked out. During the past summer the company shipped for about three months. About three cars a week were sent to the

Relative to the formation of the Mc-Donald Ely it can be said that it is most promising. Half the acreage is located in the porphyry zone, with large outcroppings of iron with more or less copper, in places carrying as high as 40 per cent copper, with good values in silver and gold. From sur-face indications and conditions in the district it is only a queston of develop-ment and depth until the property will become one of the principal copper producers of the district. The McDonald Ely consists of 29 pat-ented claims and is well equipped for extensive development work. It is the only property in the district in which the ore bodies in the lime have been developed to any extent. In the early days the mine was worked for gold values. In so doing a drift was run for 300 feet on the 150 foot level and the entire distance was in ore carrying 1 to 12 per cent copper. It has been demonstrated in this property that the known ore bodies gain in strength at depth. ground is an excellent mill that was used for the extraction of gold and this can easily be remodeled into a concentrator for the treatment of cop-per ores from the mine. From present developments it appears that the McDonald Ely will have two characters of ore, one being in the por-phyry and the other in the lime, with a good prospect of rich deposits when depth is attalned on its large contact ledges. The Nevada Northern rail-road crosses the property and it is fa-vorably located in every way for eco-nomic development.

depth

SALT LAKE INTERESTED.

FLETCHER'S TUNGSTEN.

SALT LAKE INTERESTED. D. C. McDonald, mayor of Edy, has been the chief factor behind this prop-erty, and his faith in its future has grown stronger as the work has ad-vanced. Three years ago the prop-erty was taken over from the Salt Lake & Ely Mining & Milling company, which worked the mine for gold. Mayor McDonald then interested former Sen-ator Thomas Kearns, David Keith and Col. E. A. Wall of Salt Lake City in the property and a large amount of de-velopment work has been done. At present about 6,000 feet of shafts, tun-nels, drifts and other workings are in the property.

nels, drifts and other workings are in the property. The officers of the company arc. Da-vid Keith, president: George F Park, secretary; Frank Knox, treasurer, and D. C. McDonald, general manager. The directors are: Frank J. Westcott, W. Lamb, Col. E. A. Wall, Former Senator Thomas Kearns, and D. C. McDonald. The Golden Gate shaft on the proper-ty has been put down to a depth of 400 feet and is now in the porphyry.

400 feet and is now in the porphyry carrying some copper, and should reach sulphides at no great depth. The mill shaft is 200 feet deep and is also in porphyry. It will be sunk deepen and cross cuts will be run to the known ore bodies, Among the engineers of the district the property has been a favor ite for a long time. ite for a long time

WELL EQUIPPED.

excellent grade all the way.

rector of the company.

The property is well equipped for ex-tensive work, with compressor, hoists, drills, and good buildings. On the ton. By the first of the year the boilers

also a compressor house are being con-structed. The installation of a new mill will be-gin early in the spring and it will be capable of handling 30 tons of ore a day. The concentrator will be operated with 10 stamps for the lower grade ore, while it is probable that folls and jigs will be used for the crushing of the higher grade ore. On the property is plenty of water that makes it an ideal place for a mill. Timbers can be se-cured on the property and with the saw mil, lumber can be produced at \$15 a thousand.

315 a thousand. The present duty on tungsten makes the ore in the vicinity of Tungsten, Nev., worth \$65 a ton more than for-merly. The prospects for the property being one of the best paying mines in the state of Nevada is certain. Suf-ficient on her her the state of Nevada is certain. the state of Nevada is certain. Suf-ficient ore has alreday been found to insure dividends. The owners of this great property will shortly organize a company and in-

shortly organize a company and in-orporate, but unlike most mining com-banies, it will be a close corporation.

THE ELY COPPER.

PLAINS are now being laid for the active resumption of work on the property owned by the which Ely Copper company which is he north and adjoining the the Boston Ely Mining company, Early in the spring the officials of the company will again begin working the seven Skylark claims, which have been idle for the past two years. This promising group has been idle on account of the lack of interest fm mining, but since Ely started on the revived period of good feeling, atten-tion has again been directed that way. The shaft at the property is down 420 feet, where the water level was reached. At that time the depression of the market came on and work was closed down. It is now planned to install pumps and continue pushing the shaft to depth. H. A. Shipman, a well known mining pany will again begin working the

to depth. H. A. Shipman, a well known mining authority, is the consulting engineer for the company, E. C. Newcomb, a banker at Crippie Creek is treasurer. George F. Fry, banker and mill man of Denver is the president and R. J. Grant of Denver is secretary.

40 per cent copper and as in goin ane-silver. It is on this property that the Hulse Lessing company has been operating with some fine results. Already 15 car loads of silver-lead ore have been ship-ped and the ore bodies are continuing to increase in size. The lessing com-pany has only been operating for a few months.

to increase in size. The lepsing com-pany hus only been operating for a few months. The original locator of the famous Ruth claim of the Nevada Consolidated was D. C. McDonald, now mayor of Ely. At the same time he was owner of the Hidden Treasure group. When it came to selling the Ruth claim, Mr. McDonald let it go, but in spite of of-fors made for the Hidden Treasure he refused to sell at that time. The Hidden Treasure has just finish-ed patenting its claims and is now preparing for a period of development. The owners of the property are W. J. Harris, Reno, president; D. C. Mc-Donald, vice president and general manger; George F. Mills, Carson, sccretary and Eugene Howell, Tono-pah, treasuret. The company has recently been in-corporated but no stock has been sold. Plans are now under way for fully financing the company and pushing development.

THE GREAT NORTHERN.

I N the monzonite country north of Lanc City, in the Robinson district, is a group of 12 claims Northern known ns the Great about which nothing is group, heard although they have all the ear-marks of developing into another pit like the Nevada Consolidated boasts of. The formation is identical with that of the famous Ruth claim on the Nevada

THE HIDDEN TREASURE. A MONG the little heard of prop-erties in the Ely district is the Hidden Treasure Consolidated Mining company, which lies between the Nev-ada Consolidated and Cumberland Ely properties and to the north of the Ely With. It consists of 63 acress of min-eral land and eventually this area will



smelters and the ore stood a charge of st a ton for the wagon haul. In spite of this a good profit was made on the ore. Shipping was discontinued as it was decided that it was not as profit-able as it could be made by the build-ing of a railroad. Early this spring the company will bein the construction of a railroad from the mone to connect with the Ne-vada Northern at Ely. This road will monther great avenue for the camp of Ely. The company is now planning to ship in the neighborhood of 200 tons of ore a day as soon as the railroad is inshed next fall. Watter G. Boyle is the general man-frection the glant ore bodies have been blocked out. J. B. Grant of Denver is president of the company; A. G. Burton, vice president, and W. J. Chemberlain of Denver, second vice president, H. Byrd Northrop is treas-uple. Among the other active inter-ests in the company are T. D. Whit-ney of chicago and T. H. Woodelton of New York.

EXTENSIVE HOLDINGS.

The holdings of the company are among the most extensive in Nevada. The company has 920 acres of mineral land, 200 acres for a townsite and 1,240 acres of agricultural land. This makes a total of 2,360 acres, with valuable water rights and power sites.

Beaver, Her Mines and Future

HILE other mining districts of the state have been ad-vancing with rapid strides, Beaver county has not been backward in pushing its properties to not

Developments have the front. been sensational but the work has rogressed in a manner such as that bright land of promise has never seen before. Scarcely more than a year ago all was quiet, with only an occasiona hoist showing activity; now nearly every hill in the entire county has a engine belching out smoke and chugging away at the development rk that is being carried on.

Millions of dollars have been taken from the hills of old Beaver, from the Star, San Francisco and other districts, yet there has never been a tricts, yet there has never been a time when the districts were more active and more prosperous. It has been a great year for mining in this section, one which is but a harbinger of the greater things that will come. There is now more reason than ever to beieve that in Beaver county will be found a ome of the greatest mining camps of the state and that at no late date.

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found some of the greatest mining data. The state and that at no late data is stated and that at no late data is the state and that at no late data. The state and that at no late data is no late data in the state and that at no late data is no late data in the state and that at no late data is no late data in the data is the data is no late data in the data is the data is no late data in the data is the data is no late data in the data is the data is no late data in the data is the data is no late data is no late data in the data is the data is no late data is no late data in the data is the data is no late data is no late data in the data is the data is no late data in the data is the data is no late data is no late data is no late data is no late data in the data is no late data is no

icer will start operations on Jan. 1, ducer will start operations on Jan. 1, 1910 The South Utah Mines company owns the Cactus mine, which consists of 13 claims located on an extension towards the northwest of the great Horn Silver fault. Besides the min-inc claims the company owns nearly 8,000 acres of land to protect its town-site, millsite, water line and the like. A complete town of 100 houses was built for the employee. The Cactus club is a commodious club building for the employees and the town has a \$6,000 hotel and a \$10,000 theater. T. R. Drummond, who was mana-

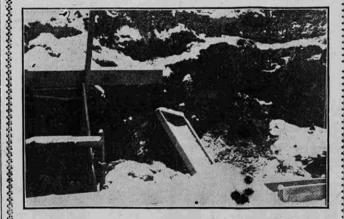
club is a commodious club building for the employes and the town has a \$4,000 hotel and a \$10,000 theater. T. R. Drummond, who was mana-seconted a position in Arizona and A. D. Moffat, a well known mining man, has been appointed as manager of the new company. He is now put-ting the property into shape for a new era of production. The new company he is now put-ting the property into shape for a new era of production. A minovation in the San Francisco dated was started during the year by the Blackhird Gold-Copper company. This was started late in the year and only one hole has been completed. This was barren to a certain extent as it was bound that the hole was on the year of the fissure and better results. The famous old Horn Silver property they considerable ore throughout they sear, but was obliged to discon-tione when the Thitle smelter closed. Since then a satisfactory contract has not been secured. The company is now blanning the erection of a mill to tably has 4.000,000 tons blocked out. The King David property was work-drifting is now being done on the 600 foot level. This property is one of the best equipped in the district. The tun-now reached a distance of 4.000 feet and about 700 feet remains before the fis-sus of the cut. This company has also been active during the entire year. AT THE MAJESTIC.

The Red Warrior, Orphan Boy and Moscow, are a group of mines that have been developed enormously this year and shipments have been made form each. The properties now have large ore bodies in sight and will be mong the steady shippers in 1910. At the Beaver Carbonate a new mill is being put in. The Cedar Mining com-pany consolidated during the year as also been active since early in the early on the Talisman Mining com-pany consolidated during the year as also been active since early in the state of the the since early in the state of the since of the second the the second during the year and it begin work early in the fall. From the re-solution that next year it will be a phase just cut a parallel fissure to the shaft is down 160 feet in the Clift yeen and is all in ore. As soon as the year is cut it is believed a fine stoping to ritory will be opened up. Some good originant is also working as is the Progressive Mining company. There is possibly a score of other protive and the millions that were taken out of the ground there will in a few years be duplicated.

THE GOLD MOUNTAIN.

Time was when the Gold Mountain Time with the county was the most district in Piute county was the most talked of gold country in the state of Utah. Mismanagement and poor pudgment killed off several of the large companies there and since then only a slight interest has been taken in the district. Considerable interest has been aroused this year through the Sail Lake Hardware company taking over the district. This company has a well-equipped mill, power plant, bunk and boarding houses-in fact, \$900,000 were spent in equipping the property which has since been taken over on a debt by the hardware company. Since tak-ing possession the company has done but little work and it is probable that the property will change hands. A docen or more properties in the vicinity have been worked to some ex-tent during the year. There seems little doubt but that as soon as the Sevier consolidated is well on its way there will be greater activity in the district. district in Piute county was the most

Discovered Graphite Mine in Utah



WHERE GRAPHITE IS MINED.

RAPHITE of commercial value out on each side proved that the walls were 27 feet apart. From other work-ings in the property it is believed that the body of mineral extends for at least as well as in great quantity is one of the achievements of the body of mineral extends for at least 3,000 feet. Analyses show that it runs from 90 per cent to 98.3 per cent pure graphite. There is a good market for this product, it bringing from 8 to 10 cents a pound. mining in the State of Utah for the year 1909, and next year promises to see this a flourishing industry. The mine is owned by the Homber Mining company and is situated in Three-mile

cents a pound. Plans are being made for installing better machinery and thoroughly equip-ping the property for a good tonnage cach day. A method will shortly be in-stalled for treating it. This will be a hydraulic process of separation. The product will be ground to a slime and a series of settling tanks will be put in which will collect the various grades. The body of graphite was discovered in 1864, but at that time no attention was paid to the mineral. It was not known that the mineral. It was not known that the mineral had any value. For some time it is said that the wom-en around Perry have been blacking their stoves with the graphite, little knowing what wealth lay in the great bed of mineral near at hand. The surface at the right of the shaft canvon, south of Brigham City and at Perry station. The property is two and a half miles from a railroad, with an The president of the company is A. G. Burritt; Martin Anderson, secretary and treasurer; M. P. Anderson, vice president; W. W. Cannon, superinten-dent of mines; and T. J. Yates is general manager. M. F. Cowley is a di-The property consists of 21 claims, lying along the recently discovered gra-

phite body. It was worked many years ago, but at that time the mineral that was discovered did not contain precious metal, so it was passed by. The vein of graphite has been gone into for some distance and drifts sent

Company

is the oldest brokerage firm in this camp; we have grouped and sold more mining ground than all other brokers in the district combined.

We have some of the best available ground for promotion purposes in the district.

Latest group map of the mineral belt furnished on request. We buy and sell Ely stocks on a commission basis only.

Information regarding any Ely properties cheerfully furnished. References: Any bank or business house in Ely.

> MINES STOCKS REAL ESTATE