DESERET EVENING NEWS SATURDAY DECEMBER 18 1909

THE MINING INDUSTRY of IDAHO dah By Ex-State Mine Inspector R. N. Bell grow where one grew before, the metallurgist who saves an additional grain of mineral adds largely to the profit of a mining operation, and is a benefactor to the mining industry.

other neighboring western states, the mining industry of Idaho, during 1909, has experienc-ed a very dull year. The wild de-

ed a very duil year. The wild de-bauch of wild cat mining speculation, that afflicted the several western states prior to the panic year of 1907, has had the effect of queering the Industry, and has given it a shock from which it seems slow to recover, in spite of the numerous admirable new laws that have been passed since 1907 by the sev-rral mining states, looking to the pro-tection of Investors, and which were hargely brought about by the efforts of the American Mining congress. These new statutes, however, have not had ime to soak in and a lack of confidence bauch of wild cat mining speculation,

the state will add about 10 per cent more to that total.

IN SHOSHONE COUNTY.

belt conveyor to 30 mm, trummels, then to 10 mm, trummels, with improved Hart igs intervening, the middlings for mills of the Standard Anacona-pattern, running at 65 revolutions per innute, and this product is elevated to four Bonker Hill conical screens, which plant and have replaced the Callow care more efficient, both as to first ocreans form a gateway between the origination of the standard anaconal and more efficient, both as to first origination of the standard anaconal and more efficient, both as to first origination of the standard anaconal and more efficient, both as to first origination of the standard anaconal and more efficient, both as to first origination of the standard and the standard and more efficient both as to first origination of the standard anaconal and concentrating tables and fruevan-dayie for this ore, as it gives such a wide discharge of concentrates it is possible to split the product and set insist any grade of concentrates de-sized. A considerable yield of 78 per elevationet, this new plant is deship of a so that an additional unit of 500 to the Bunker Hill mine. Which is a the eliferent machines employed, hi is different machines employed, hi is differe

The principal source of the copper production of the year will be from the Snowstorm mine at Mullen, which has carried a large crew of men throughout most of the year, and will show a total yield of over 6,000,000 pounds of copper, together with sev-eral hundred thousand ounces of sil-ver

COPPER PRODUCTION.

eral hundred thousand ounces of shever. The extension of the Short Line rall-read down the Snake Tiver canyon from Huntington has resulted in some activity in the neighborhood of the Seven Devils copper district, and also in the new copper deposits on the Oregon side of the canyon, where extensive plants of milling and smelt-ing equipment are under way at the from Dyke mine, whose developed ore resources are extensive and impor-tant.

fron Dyke mine, whose developed ore resources are extensive and impor-tant. The McDougal group at this point is being operated under bond by some prominent eastern corper people, who are also developing the Iron Mountain mine in Washington county, Idaho, a short distance north of Weiser, where immense deposits of high-grade iron-oxide ore, carrying low values in copi_x, are in evidence and at the surface promise something of the magnitude of the big low-grade por-phyry deposits of Nevada, Utah and Arizona. GOLD PRODUCTION.

GOLD PRODUCTION

The most noted advance in the gold

A shown by the investing public with the provided of the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons it does not be adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of 400 or 500 tons adapted to the trace of the 500 tons per day, was placed in commission in October and as ever most gratifying results, mounting to 500 tons per day, was placed in commission in October and as given most gratifying results, mounting to something like 10 per tent increase saving, which on the traces saving, which and the fore adapted to the traces saving adapted to the teres disting, which is exparted to a fully per tent increase saving, which and the fore of the fore adapted to the traces ad



A PICTURESQUE MINING DISTRICT IN NORTH IDAHO.

production of the state, during 1909, has been the successful operation of the large new bucket elevator dredge, owned by the Boaton and Idaho com-pany, at Idaho City, in the Bolse basin. This company has been suc-cessfully operating its large 2,000 yard dredge for the past six months, at a very handaome margin of profit, and is now installing an additional machine of still larger capacity. At the Alanta district, on the Middle Bolse river, 80 miles above Boise City, the Bagdad-Chase Gold Mining com-pany completed a \$200,000 milling plant last winter, which has been in successful operation during the year, employing a large force of men and making a good margin of profit on a rather low-grade ore. At the Groue, in Elmore county, the Franklin mine has developed a haidsome new shoot of high-grade milling ore and has been equipped with a new milling plant at a cost of \$35.600, which is now in successful operation. The new vein on this prop-erty is five feet wide, and affords free milling values of \$25.00 gold per ton.

The first wide, and affords free mining values of \$25.00 gold per finite section of the solution of a 3.000 horse power for the solution of a 3.000 horse power for the solution of the soluti

COAL MINING. The progress of the coal mining de-velopment of this state, during the year just closed, has been rather slow on account of the abundant supply of fuel from the Wyoming mines. The rapidly advancing progress of general industrial conditions over the country and the consequent glut of freight traffic on the railroads is having its effect on the coal haulage at this date, with the result that supplies are not so easily obtained, and this condition will doubtless result in more attention being given to the development of lo-cal deposits, with a view of permanent relief.

35

EOOM IN LEMHI In Lemhi county, the construction of the new railroad to Salmon City from Homestead, Montana, which is being pushed by a very large force of men, and is supposed to be a link in a transcontinental route, has resulted in a business boom to Salmon City, the metropolis of Lemhi county, and a consequent increased demand for fuel from the King Coal mine, situated two miles west of the town, where some im-portant deposits of excellent fuel have been opened and are now producing a considerable tonnage for local re-quirements.

a considerable tonnage for local re-quirements. Another interestaing development has been made at Horseshoe Bend, in Bolse county, 30 miles north of Bolse City, where the Hi Henry mines have been undergoing development during the past season, and are said to be showing an excellent reserve of mar-ketable coal.

ROBERT N. BELL. Former Idaho Mine Inspector

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coal cold feet



An important discovery of high-grade lead-sitver ore was recorded during the wood river of super cent lead and 15 observed to be cent and with proper values of 60 per cent lead and 15 observed to be a link in a transcontinental courty, and a consequent increased demand for fuel COAL MINING.