No mining camp in the Boundary is attracting more attention than
PHOENIX
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The Phoenix Pioneer.

During the year 1900 100,000 TONS OF ORE were shipped from the mines of
PHOENIX
For the first five months of 1901 over 95,000 tons of ore were shipped, or at the rate of 200,000 tons annually.

Devoted to the Interests of the Boundary Mining District.

VOL. II. PHOENIX, BRITISH COLUMBIA, SATURDAY, AUGUST 24, 1901. No. 41.

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IS GOOD ROAD

New Highway from Phoenix to Summit.

GRADE EASY ALL THE DISTANCE

Contractor Falconer Will Get $3,560 for Building the Road Four and a Half Miles ---Work Completed.

No road built in the past in this vicinity is on such an easy grade as that just being completed from Phoenix to Summit City, a distance of four and one-half miles, or 236 stations, as the contractors would say. Last Thursday a Pioneer representative went over the new wagon road from one end to the other.

Something over a month ago Thos. Falconer, of Grand Forks, was awarded the contract by the government to construct this road for the sum of $3,560. He at once established his camps and began the work with a force of men that has run up as high as 26 in number. The road comes into Phoenix not far from the depot, but it has not yet been brought to the city limits. There is also a piece of several hundred feet to be graded at the Summit City end. Until both of these are done, the road will, of couse, be of little use.

Last Sunday Road Superintendent Noble and Gold Commissioner McMynn travelled over the new highway, to inspect it as far as done. In several places there was a little rock work yet to be done, and this Mr. Falconer and a few men have been finishing this week. The expect to be completed to night or tomorrow.

After the new road has been travelled some it will be in excellent condition, and will be a great accommodation to the large number having business in both Summit and Phoenix camps.

Attack Not Justified.

Last Wednesday's Nelson Tribune quoted from last week's Pioneer the account of the $1800 robbery in this city, prefacing it with these uncalled for comments:

"The Phoenix Pioneer of Saturday contains the following account of how a miner was robbed in Phoenix of $1800 and how the police and others stood in with the thieves."

This is the first intimation received here that any person connected our former chief of police with the theft. The charge so far as the Pioneer can learn, is entirely devoid of truth.

City Council's Weekly Meeting.

At Wednesday evening's meeting of the city council all the members were present. Fire Chief Hemenway gave notice that he expected to be absent from the city for three weeks.

Seven accounts, to the total amount of $21.75, were presented and recommended for payment by the finance committee.

A letter was read from D. J. Darraugh, offering to sell the present jail to the city for the sum of $200.

Street Grade By-Law Amendment By-Law No. 26 was read a second time and passed.

The city health officer was requested to notify the owners of unsanitary premises, if such three are, to at once place them in a sanitary condition, and to post notices to that effect.

NEW CENSUS OF CANADA.

British Columbia Has Doubled in the Last Ten Years.

The official bulletin of the census was issued last Saturday at Ottawa. The population of the Dominion is given at 5,338,883, an increase of 505,644 over the census of 1891. The population of the provinces is as follows:

Province	1891	1901
British Columbia	98,173	190,000
Manitoba	152,506	246,464
New Brunswick	321,263	331,003
Nova Scotia	450,396	459,116
Ontario	2,114,321	2,167,978
Prince Ed. Island	109,078	103,208
Quebec	1,488,535	1,620,974
Territories	66,709	145,000
Unorganized Ter.	32,168	75,000

The population of the principal cities of Canada by municipal boundaries is as follows:

City.	1891	1901
Montreal	220,181	266,826
Toronto	181,220	207,971
Quebec	63,090	68,834
Ottawa	44,154	59,902
Hamilton	48,980	52,550
Winnipeg	25,639	42,336
Halifax	38,405	40,787
St. John	39,179	40,711
London	31,977	37,983
Victoria	16,841	20,821
Vancouver	13,709	26,196
Kingston	19,263	18,043
Brantford	12,753	16 635
Hull	11,204	13 988
Charlottetown	11,373	12,080
Valleyfield	5 515	11,055
Sherbrooke	10,097	11,765
Sydney	2,474	9,008
Moncton	5 165	9,026
Calgary	3,876	6,142
Brandon	3,778	5,758

The result of the census will be cut down the Maritime provinces representation in parliament by four and Ontario by five. Manitoba will likely get three more members, the Northwest three and British Columbia one, which would reduce the present parliamentary representation from 213 to 211. The census of 1891 reduced it from 215 to 213.

Look Out for the Mouse Trap.

On Friday evening, September 13th, the ladies of the Presbyterian church will give a concert and entertainment at Miners' Union Hall. Part of the entertainment will be a farce, entitled, "The Mouse Trap." As the ladies of this church have a long and enviable record behind them in the way of entertainments, it is pretty safe to say they will make no exception to that to be given about the middle of September.

R. Bell Closed Down.

Last Tuesday the R. Bell mine, in Summit camp, closed indefinitely, and it is said that Jack Hanly, the superintendent and one of the owners, contemplates going to South Africa. About 25 men were thrown out of employment by the shut down. Lately the property has been shipping two or three cars per week to the Granby smelter, but it is understood the development had reached the capacity of the present small plant. The shut down has been anticipated for some little time. The B. C. mine is the only property now being worked in Summit camp.

Grading Has Cost $3786 So Far.

Last Saturday the city paid out to men working for the corporation by day labor on the streets, the sum of $579; and to Bell and McBeath's men, on that contract, $616.90. Up to that date there had been expended for grading $3786.22, of which $1892.70 went to Bell and McBeath's men, and $1883.52 to those employed directly by the city.

Our Mines AND Smelters.

LATE NEWS NOTES FROM THE SEVERAL CAMPS.

This week work was discontinued at the Rawhide, and the force of eight men laid off.

The new timber framing machine was started up at the Old Ironsides mine this week. It is the first of the kind in the Boundary.

For the last week the ore treatment at the Granby smelter at Grand Forks amounted to 4,251 tons. To date 204,283 tons have been treated.

The Mother Lode smelter closed down Thursday night for a week, for general repairs, and to prepare for the enlargement soon to take place.

The ore being taken out in the drift of the King Solomon, in Copper camp, is a high grade copper, and it will be sent to the Mother Lode smelter.

Secretary Inglis, of the Golden Crown Mines, Ltd., reports that the call for the first assessment of one cent per share is meeting with a prompt response from the shareholders.

About 85 men are now employed at the B. C. mine, in Summit camp, and the shipments average 100 tons daily. Prospecting with the diamond drill is still going on in this property.

The local shareholders of the Similkameen Valley Coal Company have received word that the deal had gone through in Toronto for the disposal of a portion of their coal lands to capitalists in that city. The money realized will be spent in developing the property.

The Hartford Gold Mining Co., Ltd., with a capital of $900,000, in 25 cent shares, has been incorporated. The company will own and operate the Hartford, Hartford fraction, Ranger, Nabob fraction, Golden Crown fraction and Double Eagle fraction claims, located in Wellington camp, near Hartford Junction, about two miles from Phoenix.

A. A. Munroe, of the Montreal and Boston Copper Co., owning the Sunset mine in Deadwood camp, has been visiting the property this week, and is much pleased with the outlook. It is said there are at least 250,000 tons of ore blocked out in this property, which will pay to treat if the mine owners operate their own smelter. They are now considering this part of the business, and may embark in smelting.

FOR PHOENIX

Power Being Harnessed at Cascade.

DESCRIPTION OF THE BIG PLANT

Fire Proof Power House of Brick and Stone, 200 x 45 Feet---Work Being Actively Pushed.

One of the largest enterprises in the Boundary country is that of harnessing the falls of the Kettle river at Cascade, for the purpose of long distance transmission of power throughout this section for mining and other purposes.

After many vicissitudes this valuable power is now controlled by the London and B. C. Gold Fields Co., being held in the name of a subsidiary concern, known as the Kettle River Power Co., Ltd.

Some two years ago the first work was done on the 400-foot dam by Wm. Anderson, the constructing engineer, who also was employed previously on the great power plant at Bonnington Falls, near Nelson. For a time the work was at a stand still, but is now being taken up again with great vigor, and will be crowded to an early completion. Already over $150,000 has been spent, and all the money needed is ready for it.

Probably the first patrons of the new line will be the companies owning the electric light frauchises in Greenwood and Phoenix.

In this connection the following description of the plant, prepared by Mr. Anderson, will be found interesting:

Description of the Plant.

The plant is situated on the main Kettle river at Cascade, the river at this point rushing through a rocky gorge in a series of rapids and falls, for a distance of about half a mile, and has a natural fall in that distance of 121 feet.

For the development of the power a dam has been constructed at the head of the gorge, which raises the water to a height of 30 feet above the natural level, thus giving a working head of 156 feet at low water. The dam is constructed of timber cribwork filled with rock, and is 40 feet thick at the base and slopes back to a width of 24 feet at the top. The total length of the dam is 400 feet, and the total height from the base to the top is 50 feet in the deepest part of the channel, tapering off to a height of 25 feet at the sides. About 10,000 cubic yards of rock are required to fill the cribwork.

The site is on solid rock-bed throughout, and the foundation timbers are solidly bolted to the rock. The permanent water level will be 10 feet below the top of the dam, and provision has been made to control the water level during periods of high water by a series of sluice ways, 12 in number, which can be opened up to a depth of 12 feet below the normal level. This will give an area of about 2,000 square feet of waterway through which to pass the flood water. The sluice ways are closed by means of stop logs, 12 inches square, dropped one on top of the other in a groove provided for their reception.

A steel rail track will be placed on the top of the dam on which a travelling winch can be run over the sluiceways for the purpose of drawing up the stop logs as the water rises during floods. This winch will be operated by hand or electrical motor.

The site of the present dam was chosen with the view that at some future time a concrete masonry dam could be constructed below the present structure, which can be built without any stoppage of the plant whatever.

During the high water last June a large boom of logs which were held by the Yale-Columbia Lumber Co., a few hundred yards above the dam, gave way and about one million feet of logs were thrown against the dam in a solid mass, and at a time when the water was at extreme flood, without inflicting the slightest damage on the structure. This unexpected test of the dam fully demonstrated its stability.

The water is conveyed from the dam to the power house, first by an open rock cut 225 feet long, from this point a tunnel, twelve by fourteen feet, is driven for a distance of 410 feet through solid rock, thence lay another open channel for a distance of 500 feet. At this point a concrete bulkhead will be placed and the water conveyed in a circular flume of 12 feet to the power house. Over 35,000 yards of rock have been excavated for the open-cuts alone. The area of the open cuts and tunnel are so large that no appreciable loss of head will occur, and the water will enter the flume with a head equal to the level of the water in the dam.

An Immense Power House.

The power house will be placed on a natural bay at the foot of the falls, where an extensive site has been excavated out of solid rock. About 7,000 yards of rock have been removed for this purpose.

The turbines are of the horizontal type, two wheels in each case, and the generators are of the three-phase alternating type, and step-up transformers are used to raise the current for transmission.

All of the electrical machinery is of the latest and most up-to-date construction of the famous Westinghouse Company and the power house a substantial fire-proof structure of brick and stone, being according to the engineer's plans, 200 ft. long by 45 ft. wide.

A right of way has been cleared from Cascade to Phoenix, a distance of 21 miles. The clearing is 132 ft. wide. All brush and timber has been removed. Two separate duplicate lines are being constructed, of the most substantial and up-to-date description, and every possible means will be used to ensure a continuous current being maintained. The heaviest wire will be used to ensure this.

The main distributing station will be a fire proof structure of brick and stone. Poles are now being distributed along the right-of-way between Phoenix and Cascade, and all the outside work, building, etc., is being completed for the early installation of the machinery at the power house at Cascade.

The Columbian & Western railway is putting in a side track for the unloading of the machinery and other material at Cascade, which will probably amount to over fifty car loads before the end of the year.

TO BE READY BY LABOR DAY.

First Rate Progress in the Grading of Our Streets.

For some little time now the work of grading several of the important streets of Phoenix has been in hand, and already our thoroughfares are beginning to have a much improved appearance. The work is being done partly by contract and partly by day labor. Bell & McBeath are doing the grading of Knob Hill avenue from the east side of Second street to School street, down School to Dominin avenue, and thence to the west side of Cimeron street. Dave McBeath is in active charge and with 25 or 30 men has literally been making the dirt fly. His first work was on the west end of Knob Hill avenue, where there is a cut of some 12 or 15 feet. This cut was used to make the fill on School street.

For the last ten days the entire force has been at work on Dominion avenue, and that street is already beginning to look better. It is nearly all filling, and the earth is taken from the adjoining hillside. Mr. McBeath states that he will have the street done in time for use for the big Labor Day celebration here. This means that another week's work will see the finishing touches put on.

On lower Dominion avenue, the street also presents a much better appearance, where the city is doing the grading by day's work. From Cimeron to Lexington the grade has been made, the street widened, crowned and evened off. When this is finally completed, in a few days, it is the intention of the board of works to turn their attention to upper Knob Hill avenue, from Second street to the C. P. R. depot, where it is badly needed.

It is also the intention, if the funds hold out, to build sidewalks on both sides of Knob Hill and Dominion avenues and to build them before bad weather sets in.

Corner Secured the Contract.

Thursday evening a meeting of the general committee of the Church of England was held at the office of Dr. Boucher, in the Graves-Williams building, for the purpose of opening tenders for the new church edifice to be erected by St. John's congregation here. There were five bidders for the contract, and that of Thomas Corner for $1,360 being the lowest, he was awarded the contract. Just as soon as Mr. Corner can get the lumber on the ground he will begin the work of construction. The church will be located on the corner of Victoria avenue and Second street.

The bishop of Kootenay has offered the work of St. John's parish, Phoenix, to the Rev. E. P. Slewelling, who will take up his work here about Sept. 11.

PHOENIX BRANCH ORE SHIPMENTS.

The following table gives the ore shipments of Phoenix Branch and other Boundary mines for 1900, for the past week, for 1901, and the total to date:

	1900	Week	1901	Totals
Old Ironsides, Knob Hill and Victoria	64,533	5,476	143,769	208,302
B. C. Mine	19,494	400	31,536	51,030
Golden Crown	2,500	....	....	2,500
Winnipeg	1,075			1,165
Athelstan	1,200	....	550	1,750
Snowshoe	300	....	375	675
Brooklyn	150	....	....	150
R. Bell	....	20	560	560
Totals, tons	89,252	5,896	176,784	266,632
Mother Lode, Deadwood,	5,340	1,792	55,211	60,551
Other Boundary mines	3,180	...	500	3,680
Grand Totals, tons	97,772	7,688	232,495	330,863

FOR A BIG DAY

Will Be a Great Time in Phoenix.

LABOR DAY PROGRAMME COMPLETED

Horse Races, Drilling Matches and a Long List of Sports---Special Train From Cascade---Big Fistic Event.

Nearly everything is now ready for the Labor Day celebration in Phoenix—the first celebration of any kind ever held in the place where the mines are. Thursday evening a meeting of the general committee was held at the old school house, and reports from the several committees received, showing that the preparations were about completed.

The finance committee has been actively at work, a large proportion of the subscriptions having been already paid in. The balance will probably be in hand by the time this reaches the readers of the Pioneer. The programme will be found in another page of this issue of the Pioneer.

The transportation committee has made arrangements with the C. P. R. to run a special train direct from Cascade to Phoenix on that day. This train will leave Cascade at 7 a. m., Grand Forks at 7:40 and Eholt at 8:40, arriving at Phoenix at 10 a. m. By special arrangement the train will also stop at B. C. Junction at 9 a. m., to accommodate the people from Summit camp. The committee gave the railway company a guarantee, as usual, for the train, and allowed the Greenwood people to participate in the same. A stub train will be run from Eholt to Greenwood, if needed.

Will Be a Great Mill.

One of the greatest attractions of the Labor Day festivities in Phoenix will be the 20-round glove contest which will take place between Dal Hawkins and Martin Denny. Great interest is being taken in this contest, not only here, but in all the Boundary towns, for the reason that the men had a contest in Grand Forks on Dominion Day, and it was declared a draw. It was said to be one of the prettiest contests ever held in British Columbia. Hawkins has already arrived in Phoenix, and starts training today. Denny is expected to arrive Monday or Tuesday. The contest will be for a purse of $500, and it is expected that the old skating rink will be put in shape for the occasion.

The Phoenix Trades and Labor Council are making extensive preparations for the ball which they will give on the evening of Labor Day at Miners' Union hall. Prof. Kauffmann's orchestra of four pieces will be engaged, and no effort will be spared to give all who attend a good time.

School Has Large Attendance.

Public school opened last Monday with by far the largest attendance ever had in the history of Phoenix. It was expected to start the school year in the new two story school building, but Contractor Tripp had not finished the entire structure. However, principal Turner managed to use the upper story, while Miss Hawthorne had her large flock of youngsters in the old log schoolhouse for this week. Next Monday it is fully expected that both departments will be located in the new building.

Thus far the attendance has been excellent. Mr. Turner, in the senior department, has from 20 to 30, and Miss Hawthorne, in the junior department has had charge of from 30 to 40 little folks. Both teachers have made a decidedly favorable impression, and there is every likelihood of the attendance reaching the 100 mark before Christmas. If this is done, there will be no trouble about securing all the appropriation needed from the government for school purposes for the coming year.

Work on the Water Works.

In the course of ten days the first shipment of pipe will be made for the new water system for the city. As soon thereafter as possible the work of laying the same will be undertaken. The pipe will be Oregon fir, asphalted inside, so as to be exactly like an iron pipe, and guaranteed to be serviceable for many years. The order will require about 15,000 feet of pipe of various sizes. Part of the lumber is now on the ground for the two 100,000 gallon tanks which are to be installed.

Bought Out J. F. Walker.

Last Monday D. G. Munro bought out the stock, good will and interest of J. F. Walker, who has heretofore conducted a news and stationery business on Dominion avenue. Mr. Munro has many friends in camp, and proposes to make several improvements in his store and run it in first class shape. A largely increased stock has been ordered and he will be pleased to see all of his old friends and many new ones at his new location.

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The Phoenix Pioneer.

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SUMMER FOREST FIRES.

Just now the need of doing something to lessen the danger from forest fires is apparent. During the last week or two fires have been raging in several directions around Phoenix, and are still burning to some extent. It is hardly needful to remark on the vast amount of actual loss that follows in the paths of such destructive fires. Millions and millions of feet of standing timber—a great heritage of itself—are destroyed every year in this way. Damage that is hard to calculate in dollars and cents is thus done every season.

One of the greatest causes of these destructive conflagrations is the C. P. R. locomotive, without its much-needed spark arrester, running rampant up and down our hills. More fires can be traced to this cause than all others, and the officials of the company should attend to the matter without delay. More attention should be paid to the preservation of our forests now, or in a short time we will have no forests to preserve. The "Bush Fires Act" is a move in the right direction, but it is not enough. More stringent measures should be taken to prevent their wanton destruction, whether by railway engineers or others.

Some fires, of course, are caused by the carelessness of prospectors, hunters and others, but the obligation fits all alike, at this dry season, to use every caution and care against the spread of fires in the woods. Great oaks from little acorns grow, and great fires likewise from little sparks. Too much care cannot be taken.

THAT USELESS SURVEY.

It is difficult to see why money should be spent by the government at this time in searching for a railway pass through the Hope mountains. If the government anticipated building the Coast-Kootenay railway itself, it might have some excuse for spending money in this way. But the administration's most enthusiastic and ardent supporter has never claimed this.

At this time there are not a few who think the sending of ex-Gov. Dewdney and a party of engineers to explore the mountains is merely a game of bluff. According to these same persons, he is not expected to find a railway pass, and the government will be much surprised, not to say chagrined, to have Mr. Dewdney report that the route is perfectly feasible. In short, it is asserted that the government is steadily and surely playing into the hands of the C. P. R.

If the government can get the Coast-Kootenay road built—which it can—why squander money on useless surveys. That is what the people of the interior would like to know. Money enough is needed, goodness knows, for roads, trails and bridges, not half of which can be had. It is a waste—a sheer, unwarranted waste—of public funds to make the survey.

While ex-Gov. Dewdney is hunting carefully lest he may find a feasible route through the Hope mountains for a railway, a post has been discovered up that way with the name of Smith Curtis thereon, and also stating that it is 3,950 feet above the sea, "and don't you forget it." Is it possible that the member from Rossland riding has saved the government a lot of expense in connection with the survey?

EDITORIAL COMMENTS.

Nothing more is heard of the mine owners' memorial. 'Tis well, so. Least said, soonest mended.

Both the Boer and Philippine wars appear to be on their last legs. It is about time, in the name of humanity.

The first meeting of the newspaper men of the interior is expected to be at that charming spot on Arrow Lake, Halcyon Hot Springs.

Nearly 11,000 tons of ore were sent out of Phoenix in two weeks. Inside of a month or two nearly the same amount will be going out weekly.

What a happy time the councilmen of Sandon do have. The proverbial Kilkenny cats are not a circumstance to the legislators of the city in the heart of the Silvery Slocan.

According to the figures published in regard to this year's census, British Columbia is to have two more members in the Dominion parliament. One of them should be from the Boundary.

Columbia and Grand Forks are wisely getting together on the consolidation scheme, but the proposed name for the united cities, Amalga, is enough to queer the whole proposition. The ratepayers of both places will vote on it on the 28th inst.

If there are a few points left in the Boundary where Mr. Breen has not decided to locate the Dominion Copper Co.'s smelter, let them speak up. It is to be built in half a dozen places already, and a few more will do no harm.

The British Columbia Year Book, recently revised, is out. This time it is issued by the government, and edited by R. E. Gosnell. While it is a patched up affair, it contains much information of value, and if the copies are judiciously distributed in the old country, they may be beneficial.

Phoenix, the greatest ore shipping camp in the province, was not of sufficient importance to be even mentioned in the recently published Year Book of British Columbia, gotten out under authority of the government. The volume is of almost as much importance as the report of the minister of mines. It also contains nearly as much ancient history.

WHAT THE EDITORS SAY.

Why don't the C. P. R. pay the trackmen what they demand and tack the extra expense upon the freight bills?—Ledge.

Rag chewing seems to take up the greater portion of the time at Slocan City's council meetings. Infants like Slocan City and Sandon should be spanked instead of being given the right of self government. — Moyie Leader.

John Houston, M. P. P., of Nelson, continues to advise James Dunsmuir through the columns of the Nelson Tribune. Joseph Martin continues to advise James Dunsmuir in a more private manner. It is Joseph Martin's advice he listens to and adopts.—Victoria Post.

Two years ago the government, at a cost to the people of $7,000, brought about a "settlement" of the Rossland strike. The result of that settlement is patent today—Rossland's mines are deserted. That commission settled nothing. It succeeded in placing a piece of sticking plaster over the sore. The plaster is off and the sore is still there. Conciliation and arbitration is good, but not such tom-foolery conciliation as was applied in Rossland. —Outlook.

The government should be fair to all sections of the province. Money should not be expended lavishly in one section and niggardly in another. The people of one town should not be wet-nursed and those of another allowed to go dry. Judging by its actions in the matter of public school buildings, the government at Victoria —if the government has anything to say in the matter—is unfair. It gives the City of Rossland all the money that a new school building will cost. It makes the City of Nelson bear half the cost of a much-needed public school building.—Nelson Tribune.

IMPROVEMENT AT GRANBY SMELTER.

Some Delay, Because of Great Steel Strike in the East.

Good progress in the work of enlarging the Granby smelter at Grand Forks is being made. Labor troubles in the United States, however, have delayed the completion of some of the machinery. One carload of electrical machinery arrived last week and two additional carloads with other machinery were expected before Saturday. The power house is being enlarged and the extended foundations have been completed. The power plant will be increased by a 250 horse power horizontal turbine wheel and a 250 horse power electric generator directly connected with the water wheel, making a total of 850 horse power developed for the use of the smelter. This is exclusive of the 250 horse power developed for the city of Grand Forks, the total power thus developed on the Kettle river being 1090 horse power.

There will also be added an additional triplex power pump, which will supply an additional 750,000 gallons of water daily for granulating the slag and for the water jackets. The enlargement of the furnace building is also in progress It will contain two furnaces, making the total capacity 1300 tons daily. The new No. 5 gyratory crusher in the sampling works will increase the crushing capacity 1000 tons daily.

The converter building now being erected will be a steel fire-proof structure 160x68 feet, its height in the main portion being 35 feet. The contract for its construction was awarded to the Hamilton Bridge Co., of Hamilton, Ont. The building will contain two stands of converters of the horizontal barrel type. The shells will be 72 inches in diameter by 160 inches in length. Each stand will have three extra shells. This building will contain a 40 ton electric traveling crane for handling the shells and matte: in another portion of the building will be a 20 ton reverberatory tilting furnace.

In the same building there will also be the quartz crushing plant and grinding pan for mixing the converter linings. Under each converter stand will be three mold carriers and these will be operated back and forth by a hydraulic ram. The converters as well as the tilting furnace will be operated by hydraulic power. Near the converter building will be the engine room, in which will be located the blowing engine for blowing the converters; also the hydraulic pump which will furnish the pressure to operate the various machines in the converter building. The blowing engine will be run by a belt from a 20-horse power alternating motor. It is of the latest type, has an air cylinder 36x36 inches, and it has a special unloading devise attached so that when the pressure reaches a maximum of 12 pounds the valves are so arranged that they remain open and no power is consumed when the converter is not using air. This unloading devise was especially built for the Granby company and has never been used on any low pressure blowing engine used for converter purposes.

J. B. MACAULAY
CITY SCAVENGER

Leave Orders at City Clerk's Office

OVER POST OFFICE PHOENIX

THE DEUBER-HAMPDEN LEADS. Others Follow.

GEO. E. DEY, SOLE AGENT.

Dom. Express Money Orders for sale

Hair Tonics and Dandruff Cures

Hebro's Herpicide
Cokes Dandruff Cure
Ayers' Hair Vigor
Capillaris
Cranitonic Hair Food
Hall's Hair Renewer

A. P. McKENZIE & CO.
DRUGGISTS.

Positions Wanted.

Two ladies of the east desire positons in the interior, one stenographer; three years' experience; has typewriter. One as governess, mothers' help or any position of trust, good cook, sewer and housekeeper. References.
Address: MISS D. CARTER,
Stenographer,
587 Howe St.
Vancouver.

N. D. PALORCIA,
Phoenix Shoe Shop.
All Work Guaranteed. Imported Goods.
FINE BOOTS AND SHOES MADE TO ORDER.
PRACTICAL MINERS' AND PROSPECTORS' SHOES A SPECIALTY.
Corner Phoenix St. and Brooklyn Ave.

DAN BURNS
GENERAL BLACKSMITHING AND REPAIR SHOP
HORSESHOEING A SPECIALTY
Dominion Ave., PHOENIX

Phoenix : Bakery
C. W. GREER, Prop.
Phoenix Street, Opp. P. O.
Bread Delivered Daily to all parts of the City.
When we say we make good Bread we are only repeating the words of our many customers. To the stranger we say, Try it and be convinced. PIES, CAKES, COOKIES, DOUGHNUTS, Etc., always on hand.
Light Express in Connection
V. & N PHONE, 55

W. B. OLSON
General Contractor and Builder.
ESTIMATES FURNISHED
PHOENIX, B. C.

British Columbian Wholesale Liquor Company Limited.
R. GREIGER, MANAGER.
AGENTS FOR
PABST BEER
Complete Line of Bar Samples
GREENWOOD, B. C.

JUST RECEIVED
—A NICE LINE OF—
Silver, Silverine and Gold Filled Cases
They are beauties. Call and see them.
HENDERSON,
THE JEWELLER.
Souvenir Spoons always in stock.

JOHN. A. CORYELL,
PROVINCIAL LAND SURVEYOR, CIVIL AND MINING ENGINEER.
ESTABLISHED 1888.
PHOENIX and GRAND FORKS, B. C.

D. J. MATHESON,
INSURANCE AGENT,
FIRE, LIFE, ACCIDENT.
Commissioner for taking Affidavits.
PHOENIX, B. C.

R. A. SCOTT,
CONTRACTOR AND BUILDER.
ESTIMATES FURNISHED.
PHOENIX, B. C.

H. S. CAYLEY. W. B. COCHRANE.
CAYLEY & COCHRANE,
SOLICITORS, ETC.
PHOENIX, B. C.

D. WHITESIDE,
BARRISTER & SOLICITOR,
Graves-Williams Block.
PHOENIX, B. C.

R. B. KERR,
BARRISTER AND SOLICITOR,
NOTARY PUBLIC.
PHOENIX, B. C.

ALDHAM & BLUNT,
MINE SURVEYORS,
AND DRAUGHTSMEN.
V. & N. 'Phone, No. 70. PHOENIX, B. C.

FERGUSON & MARTIN
PRACTICAL HOUSE AND SIGN PAINTERS, DECORATORS, ETC.
PHONE: Columbia 35. Phoenix, B. C.

Phoenix Lodge No. 28, Knights of Pythias.
Meets every Tuesday night at 7:30 p. m., Miners' Union Hall.
Visiting brethren welcome.
C. A. McCLUNG, K. R. S.
J. A. CLARK, C. C.

I. O. O. F. Snow Shoe Lodge, No. 46.
Meets every Thursday Eve at Miners' Union Hall Visiting Brethren Cordially Invited.
D. WHITESIDE, N. G.
GEO. R. MEAD, Rec. Sec.

PHOENIX AERIE, NO. 158.
Meetings, Sundays, 8:30 p. m. at Miners' Union Hall.
Visiting brethren cordially invited.
V. MCNAIRN, Pres. J. BERKMAN, Secy

BERT MALANDRINI.
BOOT AND SHOE MAKER....
SPECIALTY OF WORK FOR MINERS
Morrison-Anderson Blk PHOENIX

BELL'S
LIVERY, FEED STABLES AND SALE
H. BELL, Prop.
Good Saddle, Pack and Driving Horses. Heavy Draying. Charges Reasonable.
Knob Hill Ave. PHOENIX, B. C.

Furniture
A HOUSEHOLD NEED
IN this line we are in a better position than ever to supply the wants of the Public of Phoenix.
Upholstering a Specialty
CLARK & BINNS,
Undertaking and Embalming
OLD IRONSIDES AVE.

J. W. MELLOR
Painting
Papering
Decorating
SIGN WRITING
Paints, Oils, Glass, Varnishes, etc., etc.
WALL PAPERS, SASH and DOORS
OUR MOTTO—Best Material, Thorough Work, Entire Satisfaction.
V. & N. PHONE, 86. J. C. GOUPIL, Agent, Phoenix Street.

Maple Leaf Hotel
Choice Wines, Liquors and Cigars always in stock. Board by day or week. One trial and you will remember The Maple Leaf Forever.
Old Ironsides Ave.
GREGG & McDONALD, Props., PHOENIX

Boyle
Is now in his New Quarters Knob Hill Ave
The Best of Drugs Only in Stock
V. & N. PHONE, 16
The Druggist

P. Burns & Co. PHOENIX MARKET.
HEAD OFFICE FOR BOUNDARY CREEK, GREENWOOD, B. C.
HEADQUARTERS, NELSON, B. C.
.... Wholesale and Retail Meat Merchants.
Markets at Nelson, Kaslo, Three Forks, Sandon, Slocan City, Silverton, New Denver, Ymir, Salmo, Rossland, Trail, Cascade, Grand Forks, Greenwood, Midway, Niagara and Phoenix.
FISH, OYSTERS AND POULTRY IN SEASON.
All orders receive prompt attention.

C. A. McCLUNG & CO. V. & N. 'PHONE 30. Office, Standard Ave.
We have a Large Stock, bought before the rise and can quote close prices. HAY, GRAIN, FEED, ROLLED OATS, ETC
Quotations given on straight or mixed cars

Phoenix Stage and Livery Line
Good Saddle Horses and Livery Rigs For Hire.
MAKES TWO ROUND TRIPS DAILY BETWEEN PHOENIX AND GREENWOOD.
Leaves Phoenix at 9 a. m. and 1.00 p.m., Phoenix Time.
Leaves Greenwood at 11.00 a.m. and 4 p.m., Greenwood Time. Sundays leaves Phoenix at 9:30 a.m., and Greenwood at 12:30 a.m.
BLOOMFIELD & DUNBAR, PROPRIETORS.

Phoenix Laundry
—J. T. LAWRENCE, PROPRIETOR.—
During House Cleaning time we give SPECIAL RATES to Families and Hotels on Blankets, Curtains, Etc., for which we have the best of facilities.
Only Union Help Employed
Bundles called for and delivered promptly to every part of the city. Send your order by Phone.
BEST OF WORK GUARANTEED. V. & N. PHONE NO. 30.
Dominion Avenue, Adjoining Bute Hotel, Phoenix, B. C.

CITY BAKERY
J. McCAGUE, PROPRIETOR.
V. & N. Phone, No. 48.
Bread, Cakes, Pies, Etc., Fresh Daily.
IRONSIDES ADDITION, PHOENIX, B. C. FREE DELIVERY

Bellevue Hotel,
KNOB HILL AVE., PHOENIX, B.C.
This hotel is centrally located, newly built and newly furnished throughout. Everything is first-class. Bar stocked with the finest.
EDWARD SIMPSON, Prop.

JOB PRINTING
NEAT AND ATTRACTIVE
AT THE PIONEER JOB OFFICE

Every working man should remember that Blue Ribbon Tea is packed in this country by white labor only. Are you drinking it?

PHOENIX BREWERY
JULIUS MUELLER, PROPRIETOR.
Extra Fine
LAGER BEER
All the best hotels in Phoenix serve Phoenix Beer.
Patronize home Industry and drink Phoenix Beer.
Cor. Standard Avenue and Banner Street.
PHOENIX, B. C.

Rumberger & Taylor

AGENTS FOR DOMINION COPPER COMPANY'S ADDITION TO PHOENIX

Choice Business and Residence Property in all parts of the City.

What we Prophesied

LAST APRIL we prophesied that Phoenix would be shipping more ore than any camp in British Columbia before the end of the year.

Over 250,000 tons of ore have been sent out over the Phoenix branch of the C. P. R. since July, 1900---one year; and this camp is today producing more ore than any mining camp in the Province.

PHOENIX WILL SHIP AS MUCH ORE IN 1901 AS ALL OTHER CAMPS IN BRITISH COLUMBIA TOGETHER.

Let us tell you something more about Phoenix and its possibilities for investment. Correspondence promptly answered.

RUMBERGER & TAYLOR, PHOENIX, B. C.

The BUTTE

FRANK GOFORTH, Prop.

THIS popular resort has been refitted, refurnished and thoroughly overhauled throughout, and furnished with all the modern hotel conveniences. Local and Long Distance Telephone connection with the office, and is headquarters for Stage and Railway traffic; and every attention is given to the comfort and convenience of patrons. The hotel has been enlarged by the addition of fifteen nicely furnished rooms.

The Best Appointed and Equipped Hostlery in the Boundary.

WINES, LIQUORS, and CIGARS.

IMPORTED AND DOMESTIC.

Comfortable Sample Rooms for Commercial Travelers

The Public Patronage Respectfully Solicited. We aim to please our present large trade and deserve more.

DOMINION AVE., PHOENIX, B. C.

The Butte Cafe

Open Day —and— ....Night

First-Class Dining Room with Private Boxes for Families. Home Cooking. Only the Best of Everything to be found in the Markets.

Game in Season.

GEO. W. BLAKE, MANAGER.

CALIFORNIA WINE CO.,

—DEALERS IN—

Fine Wines and the Choicest of Cigars

Agents for Calgary Beer.

NELSON, B. C.

PALACE LIVERY STABLE

Stage and Transfer Line,

PHOENIX, - - - - B. C.

Stage leaves Phoenix for Greenwood.....8 a. m.	Leaves Phoenix ..... 1 p. m.
Leaves Greenwood.....10 a. m.	Leaves Greenwood..... 4 p. m.

Best turnouts in the Boundary. Horses well suited for long drives.

COLLINS & McGILLIS, Props.

SOLE AGENTS FOR APOLLINARIS SELTER'S BLUE LABEL BRAND THE MOST HEALTHFUL AND REFRESHING OF MINERAL WATERS.

LION BOTTLING WORKS.

Greenwood and Phoenix, B.C.

Jobbers in... Wines, Beer and Cigars

ORDERS BY TELEPHONE PROMPTLY FILLED.

JAS. McCREATH & CO., PROPS.

D. W. McDONALD

Plumbing & Tinning

Job Work Promptly Attended to. Phoenix, B. C.

Phoenix street (Back of Postoffice.) V. & N. Phone No.

VICTORIA HOUSE

Leading Hotel of Phoenix

Everything First Class, Electric Lighted, Electric Bells, Free Sample Rooms, Finest Liquors and Cigars.

B. C. HOTEL CO., LTD., PROPS
I. BERKMAN, MANAGER.

OLD IRONSIDES AVENUE, - - PHOENIX, B. C.

....HOTEL BROOKLYN....

(Formerly the Metropolitan.)

High class wines, liquors and cigars always in stock. Convenient sample room for Commercial Men. First-class Cafe in connection.

HUGHIE McGUIRE, Prop.

AT WINNIPEG

Big Wellington Camp Mine is Improving.

MANAGER PLEWMAN IS ENCOURAGED

Prospects Brighter Than for Several Months Past--Every Reason to Feel Better Over Late Ore Find.

"Things have taken a big turn for the better at the Winnipeg since my last visit to the property," said Richard Plewman, manager of the Winnipeg, in an interview with the Rossland Miner. Mr. Plewman has just returned from a trip to the property, and is infected with the spirit of jubilation that possesses the men on the ground since the recent strike was made in the mine. Apparently the parties interested have every reason to feel encouraged with the results that have been achieved in the last couple of weeks or less.

Considerable interest, it will be remembered, centered about the long crosscut tunnel driven to tap the vein at considerable depth. It was hoped that this would locate the ore in place, the trouble heretofore at the Winnipeg being that faults were too frequent for the comfort of the operators. Recently, as intimated in the Miner, the crosscut encountered the ore, and it is gratifying to learn that the ore is not only in considerable quantity, but is of excellent appearance and assays very satisfactorily. The management still declines to give any figures relating to values, maintaining that in that particular class of rock the only figures at all reliable are smelter returns. One of the ledges is eight feet in width. The second, on which work is now being done, is wide, but the distance in feet is still undetermined. The crosscut is 28 feet in ore, but the hanging wall has not been reached, and until this is done it is impossible to determine the pitch of the lead and its actual width.

Manager Plewman is highly pleased with the outlook for the Winnipeg. He remarks that much work and worry, together with a few assessments, are ahead of the company before it will possess a paying mine, but is of opinion that the prospect is brighter than it has been for many months.

STATUS OF THE GOLDEN CROWN.

Secretary Inglis Give Out Some Valuable Information.

From a circular recently sent out by Secretary Inglis, of the newly organized Golden Crown Mines, Ltd., the following is taken:

The work done on the Golden Crown is as follows: There is a prospect shaft of 53 feet, a tunnel of 322 feet, and a main shaft, vertical, with double compartments, 322 feet deep, timbered and built in a very permanent manner throughout. At the 30, 100, 150 and 300-foot levels there is in all nearly 2,300 feet of work, consisting of crosscuts, drifts, raises, winzes and stopes. The plant consists of a 60-horse power horizontal return tubular boiler, a 30-horse power hoisting engine, a 12 X 18 Rand straight line air compressor, a 36x8 air receiver, four machine drills, a 10x7½x10 Knowles sinking pump, a 4x6x4 Snow duplex pump, a platform cage and all necessary accessories. There are two large ore bins, tramways, etc., and bunk, boarding and other houses, all well built. The above work and plant have entailed an expenditure of about $90,000.

Ore to the extent of over 2,200 tons was, during 1900, shipped to the smelter, the returns from which ran from $8 to $24.96 a ton. There are strong reasons for thinking that these returns were not nearly as large as the ore was entitled to, but in any event the charges for freight and smelting, then obtaining, were so high ($7 a ton) that the company's profit was much less than it ought to have been. The freight haul was nearly 120 miles while now there are two smelters within a distance of 22 miles by rails. The cost of freight and treatment at present is little more than half what it was when our ore was smelted, and it is expected that still further reductions will be made for treatment. If when we shipped, the rates had been as favorable as they will be for the future, the mine would easily have paid for its own development as it proceeded.

The object of the reconstruction is to pay the debts that are against the mine, and to develop it to the extent necessary to locate its principal ore bodies and get them into shape for economical and continuous shipping. To do this it is necessary that the shareholders should co-operate and that the call on the stock should be paid. At least a month and a half must elapse between calls, and the directors do not propose to make any call greater than one cent. They hope, moreover, that all the calls need not be made, and there is good reason to believe that after the first two or three have been met, the debts arranged and work recommenced, the treasury stock can be sold for enough to make further calls unnecessary. It is purposed that the further development work shall be done through a practical mine manager who will reside on the property and who, with the assistance of a consulting engineer, will be able to do the work to the best advantage.

The directors consider the mine's prospects bright. Few mines in the Boundary country stand higher in the opinion of mining men, few produce ore of as high a grade, there is every indication that ore will be found in paying quantities, and the facilities for mining and shipping and smelting are, for the future, excellent. A spur track from the C.P.R. line leading to Phoenix, runs right into the property under the ore bins. The fact that the railway company built this specially, is itself a strong proof of the mine's reputation. They had an examination made and upon the report received, built the spur.

The head office of the new company is at Brandon, Manitoba, and the directors are as follows: Hon. Hugh J. Macdonald and William L. Parrish, of Winnipeg; Hon. Senator Kirchoffer, His Honor Judge Chamberlain, Geo. R. Caldwell, K.C., Andrew Kelly, Frederick Nation and Joseph B. Curran, of Brandon; and William A. Fuller, of Greenwood, B. C. These men are representative of all classes of the shareholders. Among them are a number who bought their stock when the price was near its highest point. They are one and all deeply interested in the mine and they promise a careful and economical management of its affairs.

Value of Metals.

Gold is worth $340 a pound and silver $13, but there are a score of metals worth much more. Ceronium and tellurium cost, for instance, $700 a pound, and asnium and zircon, which are used in the making of of electric mantles, $1,420 a pound. Barium cannot be gotten under $2,140 a pound, and rhodium and nobium are worth almost $2,700. Strontium's market price is $4,500; didymitum's is $8,400 a pound. Rubidium is a metal worth worth $11,200 a pound, and vandium is worth $18,000. Above all these, however, stands gallium, which, if it were procurable, would be worth $75,500, or 228 times as much as a pound of gold, and 5,961 times as much as a pound of silver.—Ex.

Go to Zimmerman for watches, clocks and jewelry. Opposite Eastern Townships Bank.

APPLICATION FOR TRANSFER OF LIQUOR LICENSE.

Notice is hereby given that I will make application to the board of License Commissioners of the City of Phoenix at its next meeting for a transfer of the liquor license now held by me, to sell liquor by retail in the Butte Hotel, situate on Dominion Avenue, City of Phoenix, to Frank Goforth.

C. W. ABBOTT.

Dated this 3rd day of August, A. D., 1901. 38-42

LABOR DAY PROGRAMME.

The programme committee of the Labor Day celebration have completed their labors, and arranged the following big list of events:

9 a. m.—Parade of labor organizations and societies.

10:30—Double-handed drilling contest. Senior event—First prize, $175; second prize, $50. Junior event—First prize, $125; second prize, $50. No contestant in junior event to weigh over 180 pounds.

Conditions—All contestants must show union card in good standing on day of contest. Competitors cannot drill in both events. Should any team in junior event drill a deeper hole than those in senior event, then juniors shall be entitled to first prize in each event. One team in senior event will constitute a match. No second money in either event unless three teams compete. Each contest shall be for 15 minutes; rock, granite; down holes; ⅞-steel; not more than 15 drills to be allowed.

Judges — James Marshall, Steve Swanson and John O'Brien. Timekeeper—P. J. Holohan.

LUNCH 12 M. TILL 1:30 P. M.

1:30 p. m.—Foot Races—220-yard dash, first prize, $25; second, $10; 100-yard dash, first prize, $25; second, $10; 50-yard prospectors' race, first prize, $15; second prize, $5; 220-yard hurdle race, first prize, $20; second, $5; 50-yard boys under 16 years, first prize, $5; second, $2.50; 50-yard, girls under 16 years, first prize, $5; second, $2.50; 50-yard race for men, 200 pounds and over, first prize, pair of pants, valued at $12 and donated by G.W. McAuliffe; second prize, $1.

Judge—J. F. Hemenway. Timekeeper—George Dey. Starter—Chas. Schulm. Committee—R. A. Scott, C. S. Mitchell, G. S. McKenzie.

An entrance fee of $2 will be charged in 220-yard, 100-yard and 220-hurdle races.

Exhibition air drilling will take place in the Knob Hill "Glory Hole" while foot races are going on.

3:30 p. m.—Horse Races—¼-mile dash, $150; ½-mile dash, $150; saddle horse race, $50; one heat to each race; four to enter, three to start. Entrance fee 5 per cent of purse and 5 per cent additional from winners.

Judges—Joe Taylor, T. Hardy and V. Monnier. Starter—Geo. E. Breakenridge. Timekeeper—W. R. Williams.

4:30—Caledonian Sports—Throwing 16-pound hammer, 1st prize, $7; second, $3; throwing 16-pound shot, 1st prize, $7; 2nd, $3; throwing 56-pound weight; 1st prize, $7; 2nd, $3.

Committee—Thos. Lawrence, A. P. McKenzie and P. J. Holohan.

4:30—Running hop step and jump—1st prize, $5; 2nd, $2; running broad jump, 1st prize, $5; 2nd, $2; running high jump, 1st prize, $5; 2nd, $2.

Committee—J. E. W. Thompson, H. McQuaid and J. A. Clark.

5:30—Tug of war between picked teams; prize, $25.

Judges—C. D Hunter, V. Monnier and F. C. Slack.

6:00—Football match at grounds, Boundary teams, for a purse of $50.

Tennis match will also take place about this time.

Decision of judges final in all events.

Music by Cramers band from 9 a. m. till 6 p. m.

Grand ball in evening at Miners-Union hall, under auspices of the Phoenix Trades and Labor Council.

NOTICE OF DISSOLUTION

NOTICE is hereby given that the partnership heretofore subsisting between Slinn & McCague as bakers in the city of Phoenix, has this day dissolved by mutual consent. All debts owing to the said firm to be paid to J. S. McCague, by whom all accounts will be settled.

Dated at Phoenix, B. C., July 31, 1901

STEPHEN SLINN,
JAMES S. McCAGUE.

Witness: THOS. I. RYAN.

Call For Tenders.

Tenders will be received for the building of the English church at Phoenix, B. C., at the office of Messrs. Aldham & Blunt, Phoenix, B. C. Tenders to be in by Thursday, Aug. 22nd, 1901. Plans and specifications can be seen at the above office after Aug. 15th. The lowest or any tender not necessarily accepted.

MINERAL ACT.

Certificate of Improvements.

NOTICE.

Wheeling Mineral Claim, situate in the Kettle River Mining Division of Yale District. Where located: In Greenwood camp.

Take notice that I, George W. Rumberger, Free Miner's certificate No. B 40,388, for myself and agent for John Mulligan, Free Miner's Certificate No. B 40,328, intend sixty days from the date hereof to apply to the mining recorder for a certificate of improvements for the purpose of obtaining a crown grant of the above named claim.

And further take notice that action, under Section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 9th day of August 1901.

3w-38 G. W. RUMBERGER.

NOTICE OF DISSOLUTION.

Notice is hereby given that the partnership heretofore subsisting between us, the undersigned, as wholesale liquor merchants in the town of Cascade and City of Phoenix, British Columbia, under the name, title and firm of V. Monnier & Co., has this day been dissolved by mutual consent. All debts owing to the said partnership are to be paid to Victor Monnier at Phoenix aforesaid, and all claims against the said partnership are to be presented to the said Victor Monnier by whom the same will be paid.

Dated this 10th day of June, A. D., 1901.

D. W. MORGAN.

Witness to the signature of David Morgan,
A. M. WHITESIDE.

V. MONNIER.

Witness to the signature of Victor Monnier,
36-39 D. WHITESIDE.

MINERAL ACT.

Certificate of Improvements.

NOTICE.

Cracker Jack Mineral Claim, situate in Kettle River Mining Division of Yale District. Where located: In Greenwood Camp.

Take notice that I, George W. Rumberger, Free Miners' Certificate No. b 40 388, acting for myself and agent for Harry Nash, Free Miners' Certificate No. b 41,426 intend, sixty days from the date hereof to apply to the mining recorder for a Certificate of Improvements for the purpose of obtaining a Crown Grant of the above named claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 12th day of July, A. D., 1901.

35-44 GEO. W. RUMBERGER.

MINERAL ACT.

Certificate of Improvements.

NOTICE.

Moscow Mineral laim, situate in the Kettle River Mining Division of Yale District. Where located: In Greenwood camp.

Take notice that I, George W. Rumberger, Free Miner's certificate No. b 40,388, for myself and agent for J. P. Hemenway Free Miner's certificate No. b 40,551 and James Moran, Free Miner's certificate No. b 41,419, intend sixty day from the date hereof to apply to the mining recorder for a certificate of improvements for the purpose of obtaining a crown grant of the above named claim.

And further take notice that action, under Section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 22nd day of June, A. D., 1901.

32-41 GEO. W. RUMBERGER.

MINERAL ACT.

Certificate of Improvements.

NOTICE.

"Oroneco" and "Yukon" Fractional Mineral Claims, situate in the Kettle River Mining Division of Yale District. Where located: Greenwood camp.

Take notice that I, George W. Rumberger, Free Miner's certificate No. b 40 388, intend sixty days from the date hereof to apply to the Mining Recorder for certificates of improvement for the purpose of obtaining crown grants for the above named claims.

And further take notice that action, under Section 37, must be commenced before the issuance of such certificates of improvement.

Dated this 22nd day of June, A. D., 1901.

32-41 GEO. W. RUMBERGER

MINERAL ACT.

Certificates of Improvements.

NOTICE.

Alma Fractional and Fairplay Fraction Mineral Claims. Situate in Grand Forks Mining Division of Yale District. Where located:—in Greenwood camp, east of the City of Phoenix.

Take notice that I, John Louis Grahame Abbott acting as agent for the British Columbia Rossland and Slocan) Syndicate, Limited, Free Miner's certificate No. B 41161, intend 60 days from the date hereof to apply to the Mining Record for certificates of Improvements for the purpose of obtaining a Crown Grant of each of the above claims.

And further take notice that action under section 37 must be commenced before the issuance of such certificates of improvements.

Dated this 26th day January, 1901.

36 J. G. ABBOTT

HALCYON HOT SPRINGS SANITARIUM. The most complete on the continent of North America. Situated midst scenery unrivalled for grandeur. Boating, Fishing and Excursions. Resident Physician and Nurse. Telegraphic communication with all parts of the world; two mails arrive and depart every day. Its baths cure all nervous and muscular diseases; its waters heal all Kidney, Liver and Stomach Ailments. Terms: $15 to $18 per week, according to residence in hotel or villas. Halcyon Springs, Arrow Lake, B. C.

HEALTH RESORT

$3,000 IN PRIZES $3,000

Grand Labor Day Celebration

At GREENWOOD, B.C. | MONDAY SEPTEMBER 2nd.

Drilling Contest, Athletic Sports, Firemen's Tournament, Horse Racing

GRAND INDUSTRIAL PARADE

The Midway Brass Band will be in Attendance

Special Excursion Rates From All Points in Kootenay

R. W. JAKES, Mayor. Chairman Executive Committee.

M. H. KANE, Chairman General Committee.

DUNCAN ROSS, Secretary.

HOTEL FOR RENT.

For Rent, the Stemwinder Hotel, located on First street, near Knob Hill avenue. Doing a good business. Will lease for six months or a year, furnished. Immediate possession. Apply,

C. H. MULLIN, Prop.
Phoenix, B. C.

BEAVERTON HOTEL, Beaverton, B. C.

A Comfortable Stopping Place in the Heart of the West Fork Mines

Plenty of Feed for Horse.

W. J. FRANCIS, MANAGER.

EASTERN

Townships Bank.

ESTABLISHED 1859.

CAPITAL - - - - -	$2,000,000
CAPITAL, PAID UP -	$1,742,535
RESERVE FUND - -	$1,050,000

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Collections made at all accessible points. Drafts issued for any required amounts, good at all points in Canada, U. S. and Europe. Exchange bought and sold.

SAVINGS BRANCH DEPARTMENT AT EACH OFFICE.

Interest allowed from date of deposit and compounded annually without requiring attention of depositor.

Office Hours: 10-3; Saturday from 10 to 1.

Spokane Falls and Northern

NELSON & FORT SHEPPARD

RED MOUNTAIN R'Y.

The only all-rail route between all points east, west, and south to Rossland, Nelson and all intermediate points; connecting at Spokane with the Great Northern, Northern Pacific and O. R. & N. Co.

Connects at Nelson with steamer for Kaslo and all Kootenay Lake points.

Connects at Meyer's Falls with stage daily for Republic, and connects at Bossburg with stage daily for Grand Forks and Greenwood.

Buffet Sleeper run on passenger trains between Spokane and Northport.

EFFECTIVE SUNDAY, MAY 5, 1901.

Leave.	Daily Train	Arrive.
9:00 a. m.	Spokane	7:35 p. m.
2:50 a. m.	Rossland	4:10 p. m.
9:15 a. m.	Nelson	7:15 p. m.

H. A. JACKSON,
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CANADIAN PACIFIC RY.

Pan American ..EXCURSIONS..

SIXTY DAY LIMIT TO BUFFALO VIA ALL RAIL LAKE ROUTE .....

SOO LINE Via St. Paul or Chicago

August 16-20. Sept. 3-17. Oct. 1-15

THROUGH SLEEPING CAR

KOOTENAY LANDING TO TORONTO; ONE CHANGE TO BUFFALO.....

For Time-tables, rates and full information call on or address nearest local agent, or

O. W. DEY, Agent, Phoenix, B. C.
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If you want the Very Best
GROCERIES and FURNISHINGS
GO TO
LAW-McQUAID COMPANY, Limited
OPPOSITE OLD IRONSIDES HOTEL.

For a Fine Fitting Suit of Clothes or a Spring Overcoat, made up in the latest style and with the best trimmings, call on

McAULIFFE, THE TALIOR
Opposite the Post Office.
Who carries a large stock of Fine English, French and Scotch Tweeds and Serges. Only union help employed.

The Local Grist.

Dr. Mathison, dentist, Greenwood. Both 'phones.

A few men were laid off at the Brooklyn this week.

County court will be held at Greenwood Monday, September 9th.

Neil Stewart is putting the finishing touches to the new Marsh building, on Victoria avenue.

J. F. Walker and wife left last Thursday for Russell, where he will embark in business.

Mrs. W. R. Lee expects to leave early in September to spend the fall and winter in Spokane.

Arthur J. Rendell, of the Eholt Trading company, was in town Monday looking up old friends.

Mrs. V. Monnier leaves for Spokane today or Monday, where she will visit till after the Inter-State fair.

The little mining camp of Keremeos, on the edge of the Similkameen, is preparing to celebrate Labor Day.

Catholic services will be held in the old log school house at 10 o'clock tomorrow morning, by Father J. A. Bedard, B. A.

The official programme for the Phoenix Labor Day celebration, corrected up to the time of going to press, will be out next week.

At a meeting of the city police commissioners, held last Wednesday evening, Night Watchman Flood was made acting chief of police.

Henry Heidman sold this week to W. J. Paterson, through J. E. Mills, lot 13, block 5, Rumberger subdivision, on Brooklyn avenue.

W. J. Morrison and James Anderson, of Grand Forks, who have valuable holdings in Phoenix, were visitors in town last Monday and Tuesday.

A. J. McMillan and J. W. Astley returned to Rossland Monday from the Snowshoe mine. They are expected in camp again early next week.

Mr. McMillan is looking closely into the question of smelting with a view to treating the large bodies of ore on the Snowshoe mine.—Rossland Miner.

Sandy Grant, formerly agent in Phoenix for E. Spraggett, is now handling the ribbons for the consolidated stage line running between here and Greenwood.

Smith Bros., the contractors, are now the owners of the stock of lumber which E. Spraggett had in Phoenix at the time his sawmill burned. There were about 50,000 feet.

Dal Hawkins with his wife and little girl of five, arrived Thursday evening from Spokane, and will remain till after Labor Day. Baby Ethel is said to be one of the cleverest of child artists before the public.

The city health department has issued a circular, advising care by residents in sanitary ways, in order to avoid getting typhoid fever. Dr. Gordon strongly recommends boiling all drinking water.

Frank Bailey, of Similkameen City townsite fame, was in the city Monday. In addition to being a townsite owner, Mr. Bailey is becoming interested in some coal measures, of which he predicts great things.

Both the Vernon and Nelson and Columbia telephone lines to Summit camp were burned out last week, several poles being destroyed by the forest fires raging at the time. Communication was cut off for several days.

Rev. A. D. Menzies, of Kaslo, convenor of the home mission committee of the Kootenay presbytery, was a visitor in Phoenix last Sunday. He will probably shortly remove to the east, as the climate does not agree with Mrs. Menzies.

On account of the great increase in work at the C. P. R. depot in Phoenix, Agent Dey has made application for a telegraph operator to be added to his staff, and it is expected the request will be favorably acted upon by Superintendent Downie.

Harry Nash, formerly proprietor of the Phoenix hotel, has gone to Fernie, in East Kootenay. In early days Mr. Nash probably did the largest business ever handled by a small hotel in the Boundary in one month—said to be something over $11,000.

There are now at work between Marcus and Republic over 1,500 men. These are divided into fifteen or more grading gangs. As soon as labor is more plentiful between 3,000 and 4,000 men will be at work on this line, which is also to be built to Phoenix.

Regular Methodist services will be held in the old school house Sunday, as follows: Preaching at 11:15 a. m., Sunday school and Bible class at 3 p. m., and preaching at 7:30 p. m. All are cordially invited to attend. Geo. Kinney, B. A., pastor.

R. Kerr Hoalgate, secretary, and G. C. Hodge, district superintendent of the Vernon and Nelson Telephone Co., were in town last Sunday, looking over the lines of the Columbia Co., which had just been leased. For the present, at least, the two lines will be run separately.

O. W. Dey, after a visit to Buffalo and the far east, once more took up his duties as C. P. R. agent in Phoenix, last Saturday, having had a pleasant trip. Joe Robillard, of the Greenwood office, who relieved Mr. Dey, hurried back, so that Agent Redpath could have a vacation.

J. F. Hemenway, agent of the Granby Co., in Phoenix, left by Wednesday's train for a short business trip to Chicago. If he does not return by the next pay day, it will be the first one in four years that Mr. Hemenway has missed. While away Mr. Hemenway will also probably look after some matters in connection with the new water works system.

Thomas J. Hardy will probably move into the new building just being completed for him and for A. P. McKenzie, the druggist, some time next week. Had it not been for the delay in securing lumber for finishing the move would have been made this week. Both of Mr. Hardy's stores will be consolidated in the new building.

Contractor Lee has been subjected to some most annoying delays in securing the lumber for the finishing of the new structure for the Phoenix General Hospital. The building itself is well advanced, and it is hoped from now on there will be no more trouble in getting the material to finish it. According to the terms of the contract it is to be completed October 1st.

Strike on Lone Star.

A big strike was reported in the Lone Star and Washington mine at the 320-foot level last week, the property being just across the boundary line. The ledge is 6½ feet wide, all in solid copper-gold ore. The ore runs 20 per cent copper with a good percentage of gold. This property is only two miles from Columbia, and is looked upon as one of the best properties in the country. It is controlled by Mr. Wetzel, of Spokane, who owns the largest interest. Henry White, of Columbia, is the second largest holder and Messrs. Binkley and Taylor of Spokane hold the balance.

IS MUCH LIKE THE BOUNDARY.

Similkameen Mines Must Have Their Own Smelters.

Speaking of Copper and Kennedy mountains in the Similkameen, Smith Curtis, M. L. A. for the Rossland riding, said recently:

"It is safe to say that in no other locality in the province can be found such extensive copper deposits as on these two mountains. The ore is low grade and must be mined by companies with ample capital, owning their own smelters. There is not room in most cases for both mining and smelting profit in handling ores. Claim owners should recognize this and not ask too much for their properties or refuse amalgamation with adjoining properties where the promoters are men of means guaranteeing ample funds for exploitation. Summit City camp with its silver-lead properties will, with development, turn out some promising mines. The trail to this camp is simply a disgrace and one ceases to wonder at the lack of development when they make the trip into that camp and surmount the many difficulties encountered in getting there. I believe the Similkameen is destined to become one of the greatest mining sections of the province whenever it is afforded railway facilities and adequate roads, trails and bridges to the different mining camps," he concluded.

Wanted—Position by girl as waitress, chambermaid or for general housework. Address: Mrs. J. McRae, Phoenix, B. C.

The man who pushes his business when others are resting, will be able to rest later in life while the other fellow has to hustle for his existence.

Last week the laborers at work on the streets of Republic struck work. They demanded cash, not city warrants, for their pay. The streets are all torn up.

BUSINESS MENTION.

Mellor sells wall paper. *

Lodging house to rent. Apply to McArthur & Monk. †

See Almstrom & Berg at the Norden hotel, Dominion avenue. *

See Mellor for paints and oils. *

If you wish a first class cigar, call for the Miners' Union. *

For Sale—5-Octave Piano. Apply to Mrs. W. B. Willcox, Grey Eagle ave.

Call on Mellor for sash, doors and glass *

Ask for the Miners' Union Cigar. Clear Havana Filler.

Dr. Simmons, dentist, Rendell Block, Greenwood, V. & N. phone 96.

Mellor does painting. *

Good comfortable rooms at reasonable rates, at Norden hotel, Dominion avenue. *

Ask for the Miners' Union cigar. Clear Havana filler. *

Paper hanging by Mellor. *

Go to Zimmerman for watch repairing. Opposite Eastern Townships Bank.

Mellor uses only the best material and employs union labor. *

See Almstrom & Berg at the Norden hotel, Dominion avenue. *

Furnished Rooms to Let—Suitable for housekeeping. Apply Log Cabin Hotel, Dominion Ave, West. †

Stoves and offices for rent in the the McMillan block. Apply to McArthur & Monk. *

Nitrous oxide and oxygen for painless extraction of teeth at Dr. Mathison's. Both phones. *

If you wish a first-class cigar call for the Miners' Union. *

Good comfortable rooms at reasonable rates, at Norden hotel, Dominion avenue. *

Wanted by lady.—Position as cook or waitress, or anything else. Apply to G. E. Kinnard, Union hotel.

For Sale—General store in Cascade complete with buildings, fixtures, stock, etc. Immediate possession on agreed terms. Address, Asprey, Cascade

Go to Zimmerman for gold rings. Opposite Eastern Townships Bank.

NOTICE

TENDERS will be received for excavation and filling ditches for pipe line of the Phoenix Water Works, up to Wednesday night September 4th. Specifications will be ready and can be seen at the office of the Granby Consolidated Mining, Smelting & Power Co., Limited, on THURSDAY, AUG. 29th.

SEARS' GENTS' FURNISHINGS.
DRY GOODS, BOOTS AND SHOES.

Down Goes the Paices

Having decided to close out our Dry Goods We are now offering our Entire Dry Goods Stock at COST, including Carpets and Bed Sheeting. Still have a few Nobby Shirt Waists left, although are going fast. Boys' and Gent's Clothing Away Down. Don't overlook our Choice Gent's Neckties, just received.

OLD IRONSIDES AVENUE. CHAS. SEARS, Manager.

The Prospector's Exchange
IF YOU HAVE A MINE or Prospect for SALE send us a full report, with samples of ore, stating price and terms. Our facilities for placing a property quickly are unexcelled. We make a specialty of free milling gold properties. Correspondence Solicited.
Address: Room 4 K.W.C. Blk, Nelson, B.C. *Andrew F. Rosenberger, Mgr.*

Copperfield
AT Junction of Whipsaw Creek and Similkameen River, at the foot of Copper and Kennedy mountains, famous for their enormous showings of Copper and Gold ores, nine miles above Princeton. Copperfield is the natural Smelter City and mining center for this district and south to the international boundary. Several hundred horse power is already developed in Whipsaw Creek. Large Smelter Site reserved Coal croppings and exposures under and surrounding townsite, and negotiations are pending for exploitation of adjoining coal measures to the west. Also extensive ranching, fruit and cattle raising.

Mr. Curtis has gone to supervise the platting of lots and will reserve for Phoenix and Greenwood purchasers exclusively a number of the best lots on the business and residential street. First choice to those first applying and paying a deposit to the undersigned. Prices, $65, $55 and $50 for lots on business streets, and $30 and $25 for lots on residential streets. A limited number only will be sold at these prices. TERMS—One half cash, balance in six months. The big boom in the Upper Similkameen mining country is beginning. Why not be in it?

COPPERFIELD TOWNSITE Co.
ROBERT BARR, Agent, Bellevue Hotel, Phoenix

FIRST ANNUAL
LABOR DAY CELEBRATION
PHOENIX, B. C.
Mon. Sept. 2, 1901
$3,000 IN PRIZES
Horse Races, Foot Races, Tug of War, Double Hand Drilling Contests, Football Match, Etc., Etc.

BIG FIELD DAY OF SPORTS
FOR FURTHER PARTICULARS, ADDRESS
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..Special Offerings..
In Dominion Copper Co. and Old Ironsides Townsite Lots.

$1850 Takes Lot and Building in Lower Town. Nets $17.50 per month. Easy terms.

$4000 For a good business corner. Building on same pays 35 per cent on money. This is a winner.

Some choice corners for sale on easy terms in both upper and lower towns.

Lots for sale on easy terms in "New York" townsite.

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The Finest to be had in Wines, Liquors and Cigars. PHOENIX, B. C.

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Choice Cigars, Fresh Fruits, and the Latest in Newspapers and Periodicals. Give me a Call.
DOMINION AVE., OPPOSITE BUTTE HOTEL. PHOENIX, B. C.

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Try some of CHRISTIES' CREAM SODAS, acknowledged by all to be the best, unless it is some one trying to sell an inferior article. We carry a full line of those celebrated goods. Cheapest place in the city for
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PINTS, QUARTS and HALF GALS.
$1.10, $1.40, $1.65
Our Fruits are all shipped in by express, and while they cost a little more you always get them direct from the orchards.
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KELOWNA CIGARS
UNION MADE
PHOENIX PRODUCE CO.
Fruit, Produce and Groceries.
Fresh Goods Arriving Continually. Prompt Delivery. V. & N. Phone No. 93. PHOENIX, B. C.

The WM. HUNTER CO., LTD.
We are Offering
the balance of Our Summer STOCK in all departments at
GREATLY Reduced Prices.
Do not Miss the OPPORTUNITY to secure some of the bargains.

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